

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050420\
 Data File : VU038005.D
 Acq On : 04 May 2020 17:16
 Operator : JC/MD
 Sample : VU0504WBS01
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

Manual Integrations
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 5/5/2020 11:16:03 AM

Quant Time: May 05 02:39:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----	-----	-----	-----	-----	-----	-----
1) Fluorobenzene	6.14	96	88761	1.00	ug/l	0.00
System Monitoring Compounds						
57) 4-Bromofluorobenzene	10.65	95	32809	0.95	ug/l	0.00
Spiked Amount 1.000			Recovery	=	95.00%	
68) 1,2-Dichlorobenzene-d4	12.21	152	32282	0.97	ug/l	0.00
Spiked Amount 1.000			Recovery	=	97.00%	
Target Compounds						
					Ovalue	
2) Dichlorodifluoromethane	1.39	85	56368	1.871	ug/l	99
3) Chloromethane	1.54	50	63063	1.768	ug/l	97
4) Vinyl Chloride	1.62	62	66743	1.878	ug/l	99
5) Bromomethane	1.87	94	34614	1.624	ug/l	96
6) Chloroethane	1.95	64	38901	1.833	ug/l	97
7) Trichlorofluoromethane	2.16	101	70157	1.894	ug/l	96
8) 1,1,2-Trichloro-1,2,2-trif	2.60	101	42534	1.842	ug/l	98
9) 1,1-Dichloroethene	2.60	96	44374	1.914	ug/l	96
10) Iodomethane	2.75	142	20663	1.851	ug/l	99
11) Allyl Chloride	2.95	41	78939	1.835	ug/l	97
12) Acrylonitrile	3.35	53	23496	3.707	ug/l	96
13) Acetone	2.66	43	41214	8.130	ug/l	100
14) Carbon Disulfide	2.82	76	152767	1.805	ug/l	100
15) Methylene Chloride	3.07	84	58619	1.887	ug/l	96
16) trans-1,2-Dichloroethene	3.38	96	48768	1.922	ug/l	99
17) 1,1-Dichloroethane	3.91	63	90814	1.887	ug/l	98
18) 2-Butanone	4.76	43	64719	8.515	ug/l	99
19) Cyclohexane	5.42	56	85733m	1.838	ug/l	
20) Methylcyclohexane	6.79	83	82734	1.809	ug/l	99
21) 2,2-Dichloropropane	4.70	77	67877	1.688	ug/l	100
22) cis-1,2-Dichloroethene	4.70	96	50659	1.889	ug/l	98
23) Diethyl Ether	2.40	59	38154	1.877	ug/l	98
24) tert-Butyl Alcohol	3.23	59	40607	17.997	ug/l	97
25) Methyl tert-Butyl Ether	3.40	73	119339	1.879	ug/l	99
26) Bromochloromethane	5.01	128	19592	1.815	ug/l	95
27) Chloroform	5.12	83	84181	1.866	ug/l	93
28) 1,1,1-Trichloroethane	5.35	97	68224	1.835	ug/l	98
29) 1,1-Dichloropropene	5.56	75	68930	1.842	ug/l	98
30) Carbon Tetrachloride	5.56	117	57861	1.860	ug/l	96
31) Isopropyl Ether	4.04	45	143957	1.818	ug/l	98
32) Ethyl-t-butyl ether	4.55	59	127121	1.778	ug/l	99
33) Tert-Amyl methyl ether	5.98	73	108617	1.763	ug/l	99
34) Propionitrile	4.83	54	19806	9.101	ug/l #	98
35) Benzene	5.81	78	195007	1.862	ug/l	100
36) 1,2-Dichloroethane	5.83	62	57325	1.850	ug/l	99
37) Trichloroethene	6.57	130	51424	1.870	ug/l	98
38) 1,2-Dichloropropane	6.82	63	51751	1.836	ug/l	99
39) Methacrylonitrile	5.02	41	18211	1.787	ug/l	96
40) Methyl acrylate	4.89	55	27167	1.809	ug/l #	96
41) Tetrahydrofuran	5.11	42	18753	3.688	ug/l	97
42) 1-Chlorobutane	5.49	56	99655	1.848	ug/l	100

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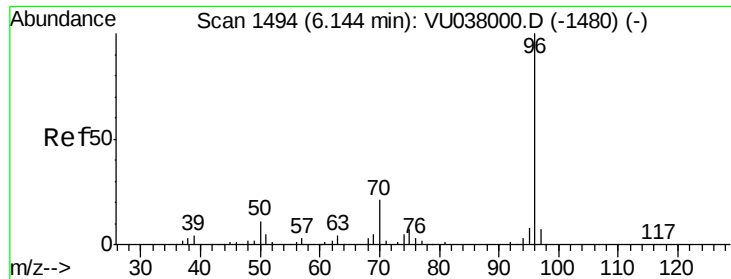
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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA U\METHOD\524U050420DW.M
 Quant Title : METHOD 524.2 VOLATILES DRINKING WATER
 QLast Update : Tue May 05 02:20:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Dibromomethane	6.95	93	23394	1.782	ug/l	98
44) Bromodichloromethane	7.13	83	62109	1.884	ug/l	99
45) 4-Methyl-2-Pentanone	7.82	43	158133	8.838	ug/l	99
46) t-1,4-Dichloro-2-butene	10.85	75	19527m	3.530	ug/l	
47) Methyl methacrylate	6.99	69	48471	3.631	ug/l	98
48) Ethyl methacrylate	8.36	69	42747	1.730	ug/l	98
49) Toluene	7.99	92	122662	1.853	ug/l	98
50) t-1,3-Dichloropropene	8.24	75	57782	1.715	ug/l	98
51) cis-1,3-Dichloropropene	7.64	75	70009	1.731	ug/l	97
52) 1,1,2-Trichloroethane	8.43	97	34260	1.843	ug/l	96
53) 1,3-Dichloropropane	8.60	76	66198	1.897	ug/l	99
54) 2-Hexanone	8.71	43	106252	8.414	ug/l	100
55) Dibromochloromethane	8.83	129	36726	1.783	ug/l	99
56) 1,2-Dibromoethane	8.95	107	31748	1.811	ug/l	96
58) Tetrachloroethene	8.57	164	49251	1.919	ug/l	98
59) Chlorobenzene	9.47	112	130916	1.862	ug/l	96
60) 1,1,1,2-Tetrachloroethane	9.56	131	38259	1.793	ug/l	98
61) Pentachloroethane	11.44	117	27871	1.743	ug/l	96
62) Hexachloroethane	12.49	117	26473	1.591	ug/l	99
63) Ethyl Benzene	9.59	91	225868	1.806	ug/l	98
64) m/p-Xylenes	9.71	106	178399	3.706	ug/l	99
65) o-Xylene	10.12	106	86934	1.853	ug/l	100
66) Styrene	10.13	104	141740	1.833	ug/l	99
67) Bromoform	10.31	173	17975	1.659	ug/l	99
69) Isopropylbenzene	10.50	105	227959	1.860	ug/l	99
70) 1,1,2,2-Tetrachloroethane	10.80	83	41046	1.723	ug/l	96
71) 1,2,3-Trichloropropane	10.84	75	29000m	1.646	ug/l	
72) Bromobenzene	10.80	156	51057	1.865	ug/l	99
73) n-propylbenzene	10.92	120	63368	1.885	ug/l	97
74) 2-Chlorotoluene	11.00	126	52959	1.876	ug/l	97
75) 1,3,5-Trimethylbenzene	11.10	105	185983	1.834	ug/l	100
76) 4-Chlorotoluene	11.11	126	53962	1.841	ug/l	98
77) tert-Butylbenzene	11.44	119	176269	1.826	ug/l	100
78) 1,2,4-Trimethylbenzene	11.48	105	190600	1.825	ug/l	97
79) sec-Butylbenzene	11.66	105	253075	1.830	ug/l	99
80) Nitrobenzene	13.23	77	4619	6.540	ug/l	97
81) p-Isopropyltoluene	11.81	119	200315	1.795	ug/l	99
82) 1,3-Dichlorobenzene	11.76	146	105530	1.862	ug/l	98
83) 1,4-Dichlorobenzene	11.85	146	105595	1.841	ug/l	99
84) n-Butylbenzene	12.22	91	198229	1.779	ug/l	99
85) 1,2-Dichlorobenzene	12.23	146	96897	1.837	ug/l	99
86) 1,2-Dibromo-3-Chloropropan	13.02	75	6568	1.751	ug/l	95
87) 1,2,4-Trichlorobenzene	13.87	180	67263	1.744	ug/l	99
88) Hexachlorobutadiene	14.05	225	30846	1.789	ug/l	99
89) Naphthalene	14.12	128	126881	1.711	ug/l	99
90) 1,2,3-Trichlorobenzene	14.36	180	61159	1.780	ug/l	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Fluorobenzene

Concen: 1.000 ug/l

RT: 6.14 min Scan# 1494

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

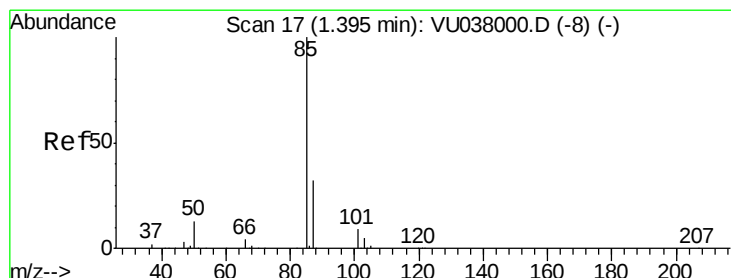
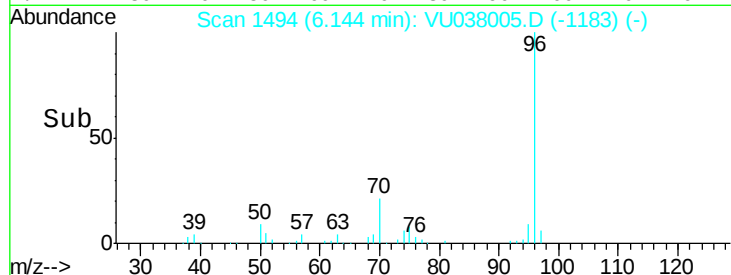
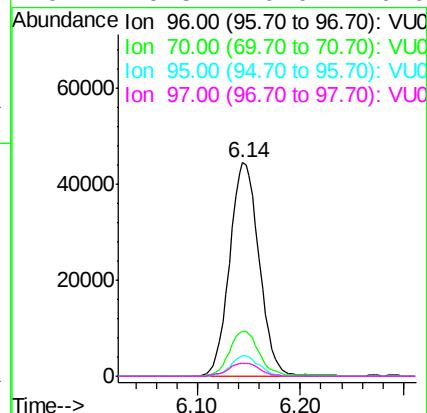
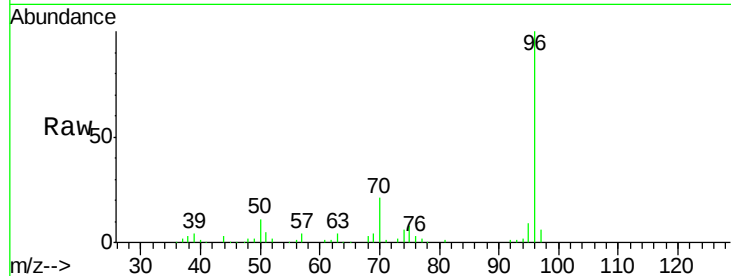
ClientSampleId :

VU0504WBS01

Tot Ion:	96	Resp:	88761
Ion Ratio	Lower	Upper	
96	100		
70	20.5	14.4	21.6
95	9.1	7.1	10.7
97	6.5	0.0	0.0#

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#2

Dichlorodifluoromethane

Concen: 1.871 ug/l

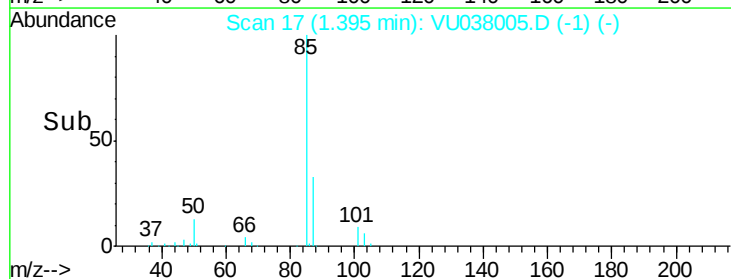
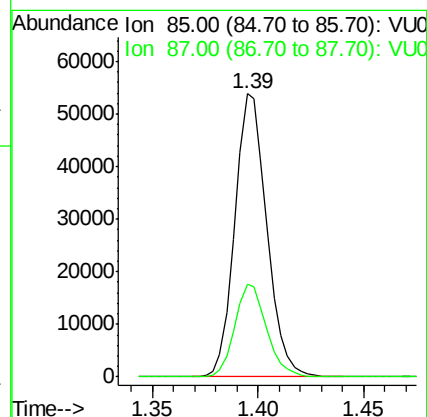
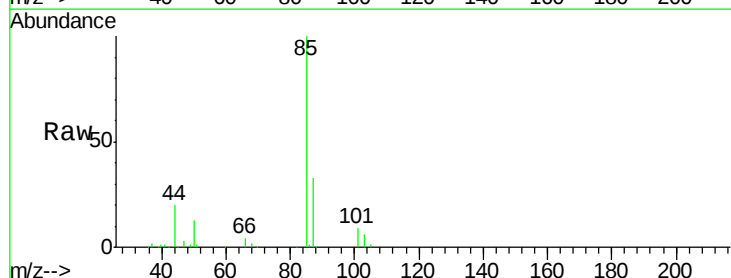
RT: 1.39 min Scan# 17

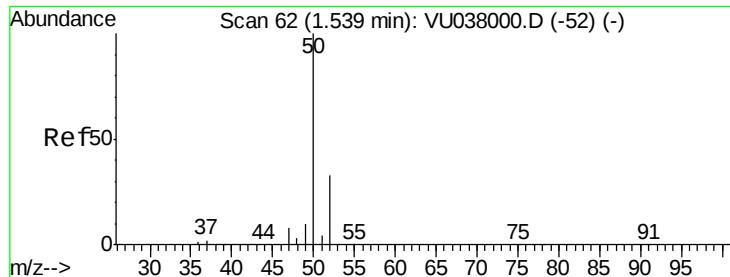
Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Tgt Ion:	85	Resp:	56368
Ion Ratio	Lower	Upper	
85	100		
87	32.8	16.2	48.5





#3

Chloromethane

Concen: 1.768 ug/l

RT: 1.54 min Scan# 61

Delta R.T. -0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBS01

Tot Ion: 50 Resp: 63063

Ion Ratio Lower Upper

50 100

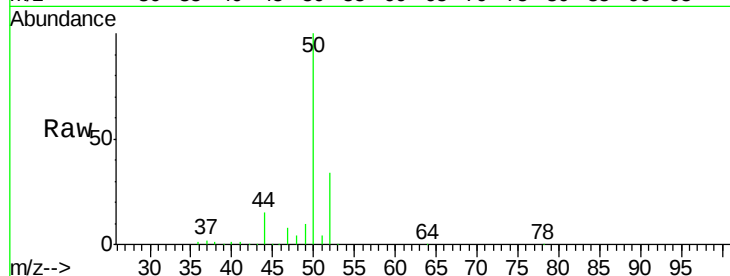
52 34.1 26.1 39.1

Manual Integrations

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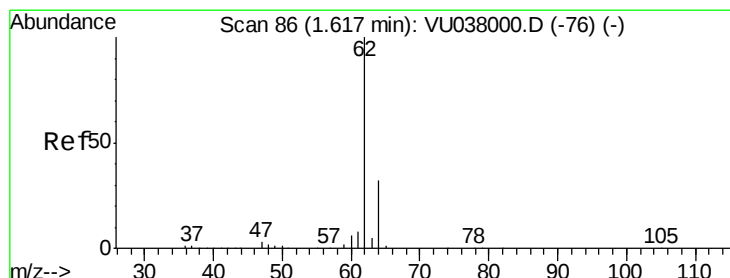
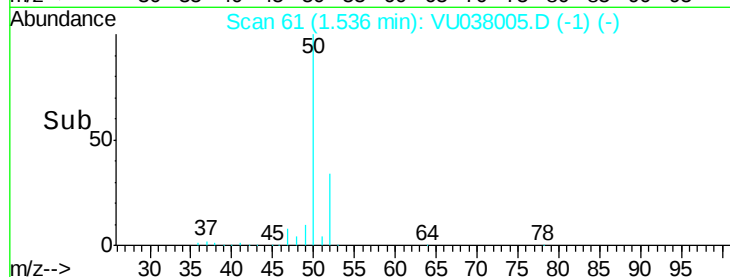
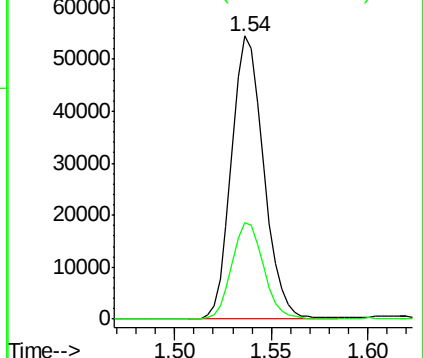
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Abundance Ion 50.00 (49.70 to 50.70): VU0

Ion 52.00 (51.70 to 52.70): VU0



#4

Vinyl Chloride

Concen: 1.878 ug/l

RT: 1.62 min Scan# 86

Delta R.T. 0.00 min

Lab File: VU038005.D

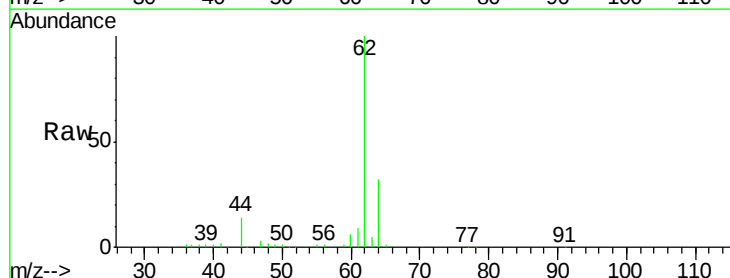
Acq: 04 May 2020 17:16

Tgt Ion: 62 Resp: 66743

Ion Ratio Lower Upper

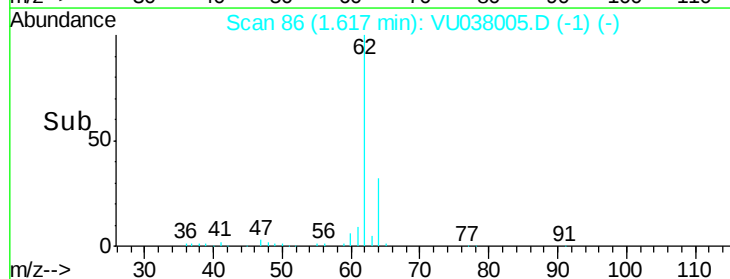
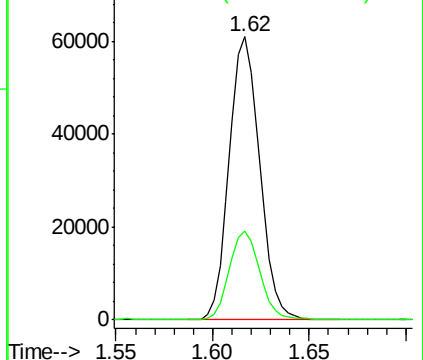
62 100

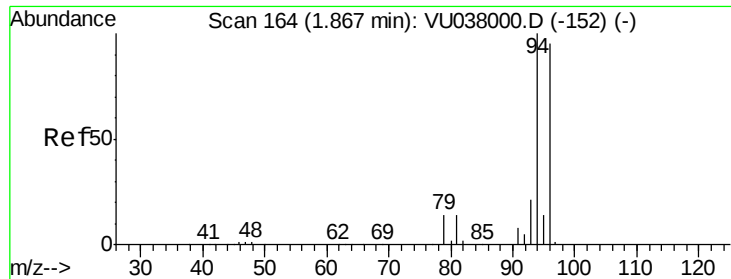
64 31.5 25.7 38.5



Abundance Ion 62.00 (61.70 to 62.70): VU0

Ion 64.00 (63.70 to 64.70): VU0





#5

Bromomethane

Concen: 1.624 ug/l

RT: 1.87 min Scan# 165

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBS01

Tot Ion: 94 Resp: 34614

Ion Ratio Lower Upper

94 100

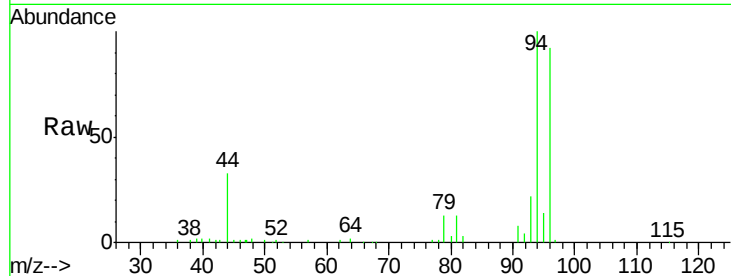
96 91.5 76.1 114.1

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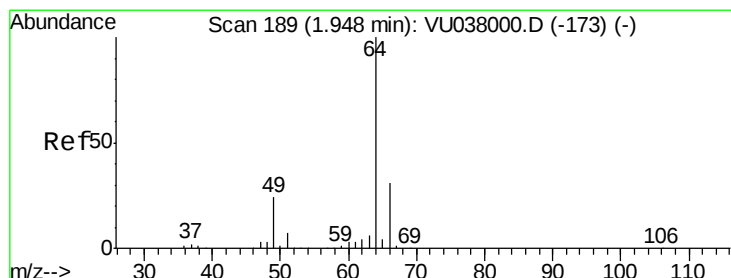
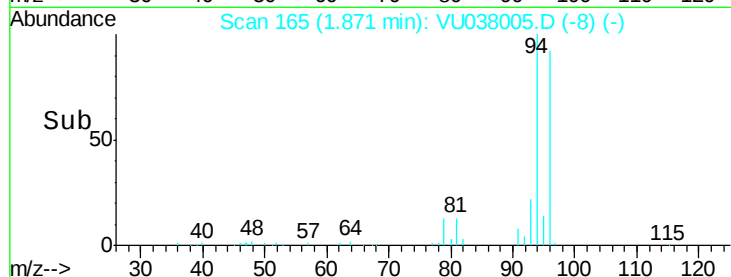


Abundance Ion 94.00 (93.70 to 94.70): VU038000.D (-152) (-)

Ion 96.00 (95.70 to 96.70): VU038000.D (-152) (-)

1.87

Time-->



#6

Chloroethane

Concen: 1.833 ug/l

RT: 1.95 min Scan# 190

Delta R.T. 0.00 min

Lab File: VU038005.D

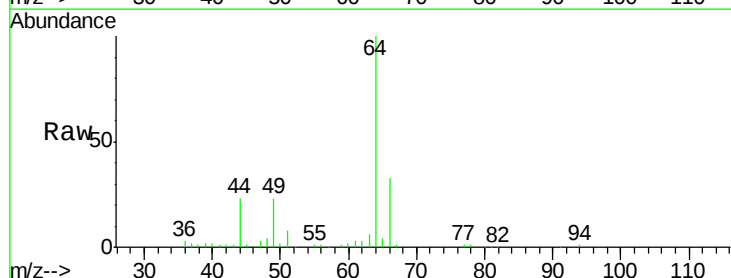
Acq: 04 May 2020 17:16

Tgt Ion: 64 Resp: 38901

Ion Ratio Lower Upper

64 100

66 32.6 24.8 37.2

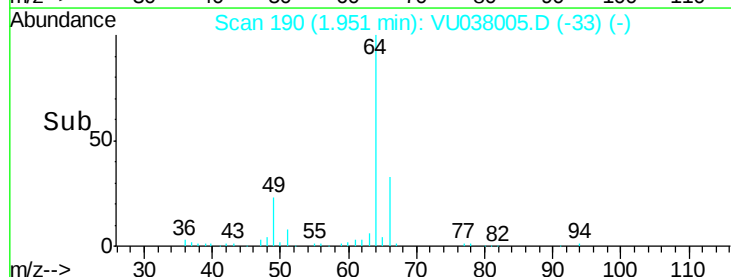


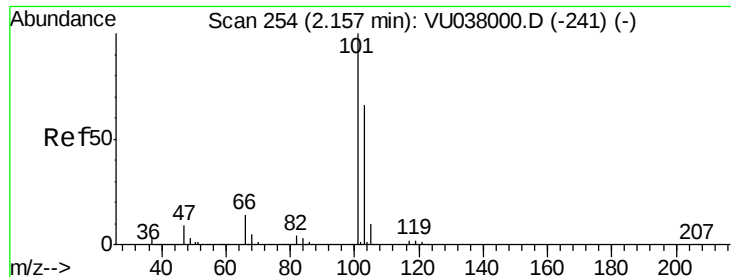
Abundance Ion 64.00 (63.70 to 64.70): VU038000.D (-173) (-)

Ion 66.00 (65.70 to 66.70): VU038000.D (-173) (-)

1.95

Time-->





#7

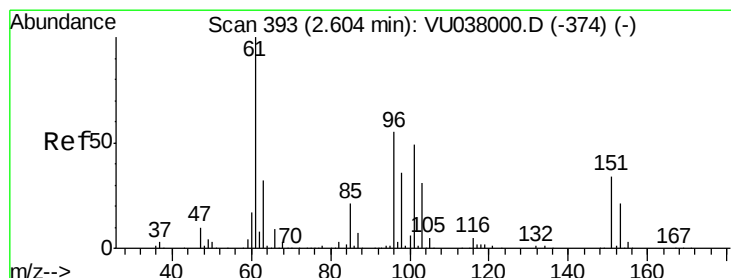
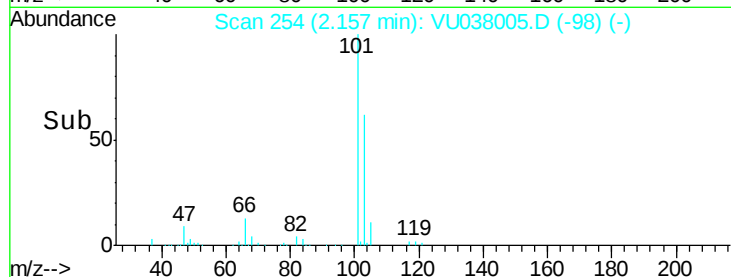
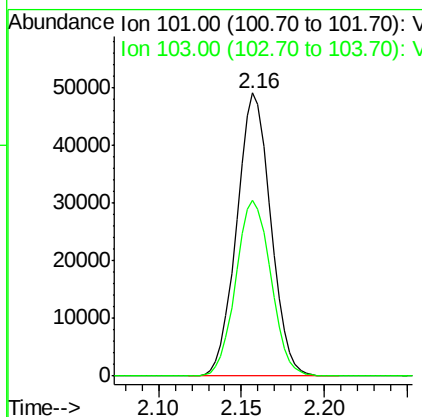
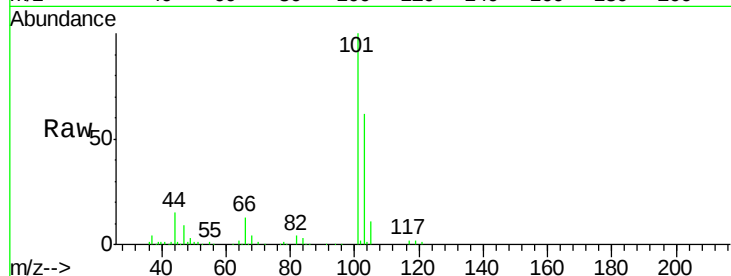
Trichlorofluoromethane
Concen: 1.894 ug/l
RT: 2.16 min Scan# 254
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampled :
VU0504WBS01

Tot Ion	Ratio	Lower	Upper
101	100		
103	62.3	52.6	78.8

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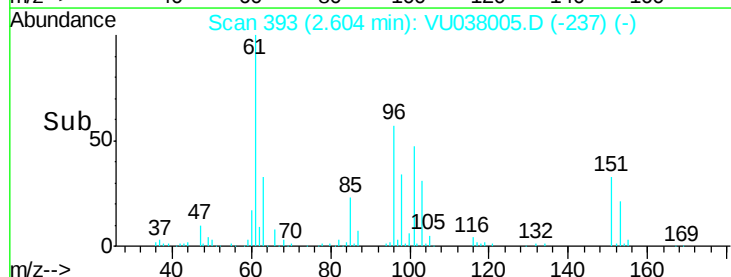
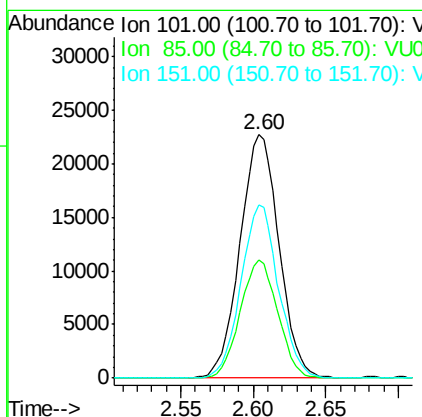
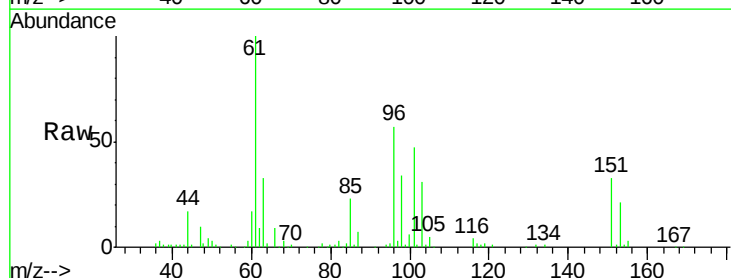
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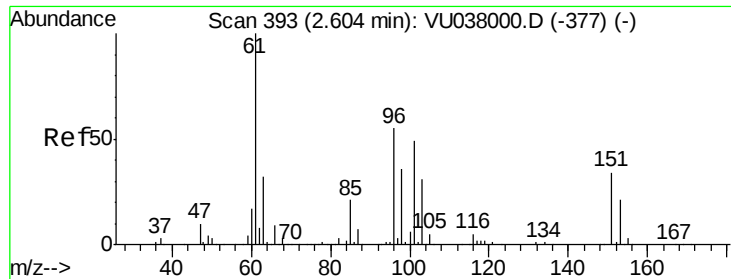


#8

1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.842 ug/l
RT: 2.60 min Scan# 393
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
101	100		
85	46.5	35.5	53.3
151	68.4	55.2	82.8





#9

1,1-Dichloroethene

Concen: 1.914 ug/l

RT: 2.60 min Scan# 393

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

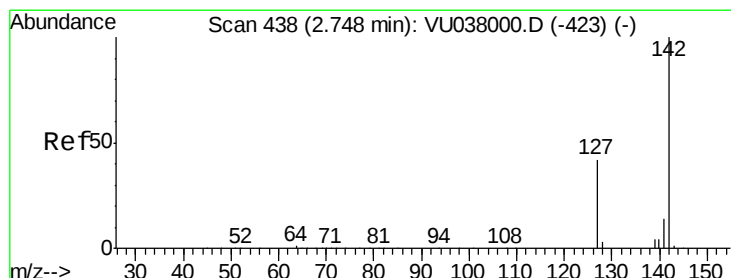
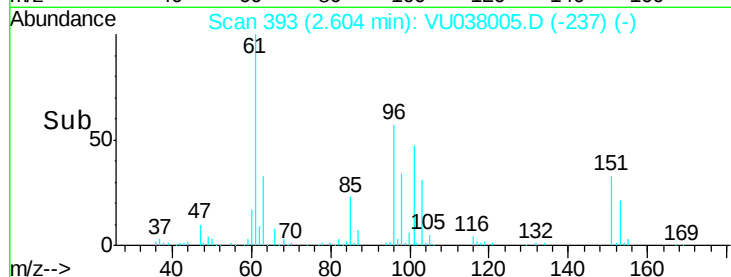
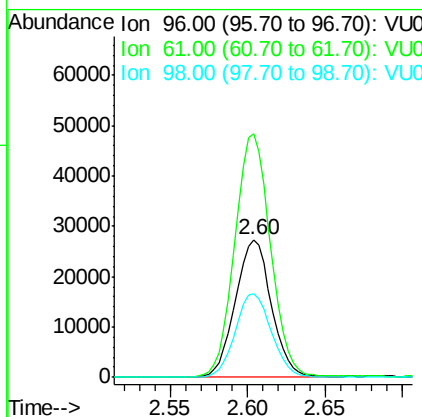
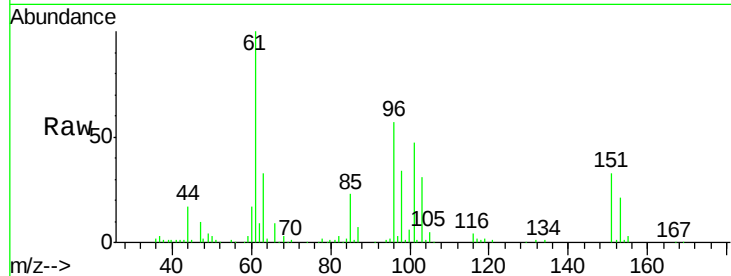
ClientSampleId :

VU0504WBS01

Tot Ion:	96	Resp:	44374
Ion	Ratio	Lower	Upper
96	100		
61	176.7	0.0	543.0
98	60.5	0.0	129.4

Manual Integrations
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#10

Iodomethane

Concen: 1.851 ug/l

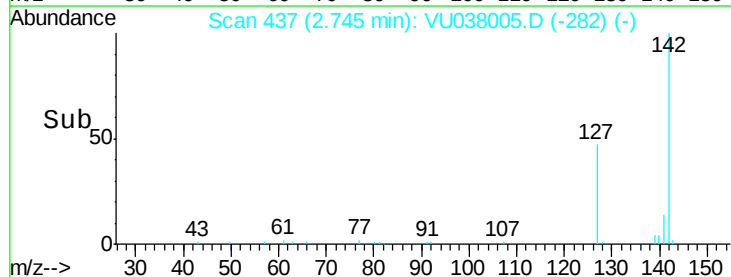
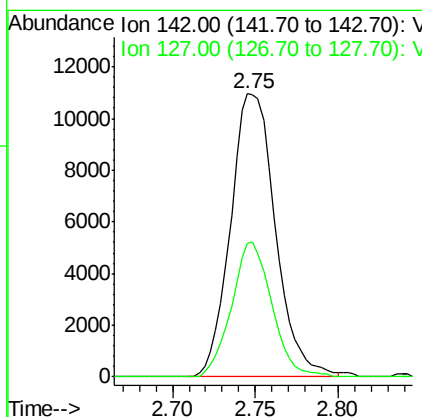
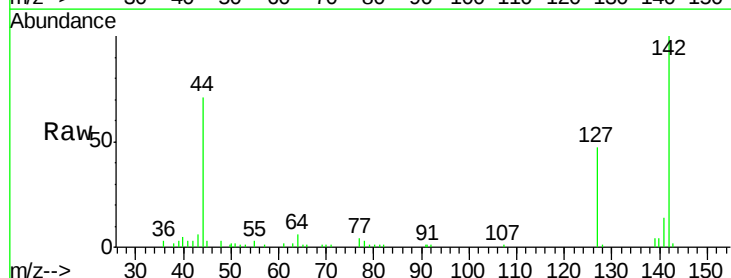
RT: 2.75 min Scan# 437

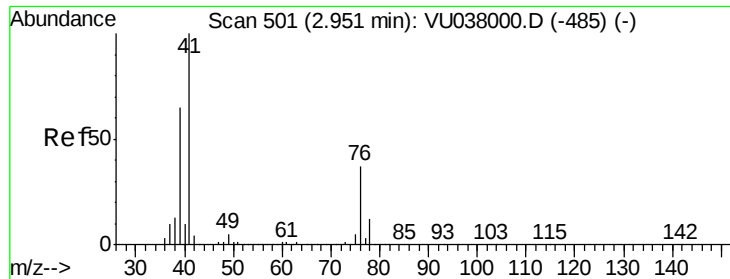
Delta R.T. -0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Tgt Ion:	142	Resp:	20663
Ion	Ratio	Lower	Upper
142	100		
127	42.8	33.5	50.3





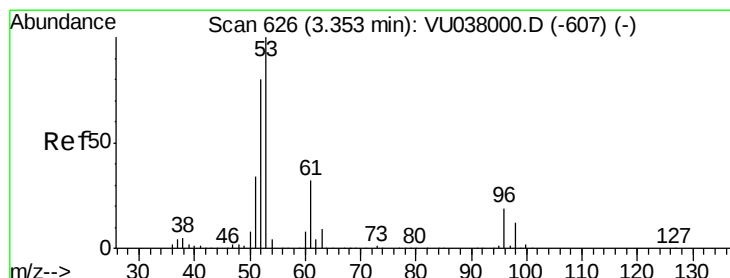
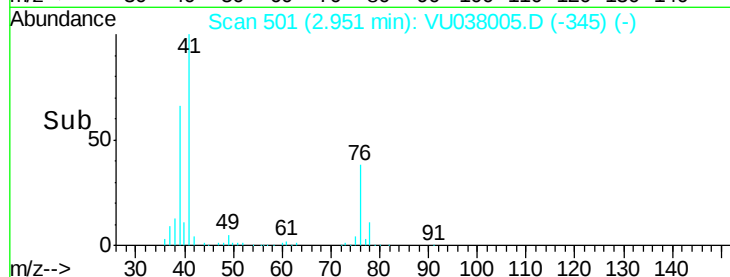
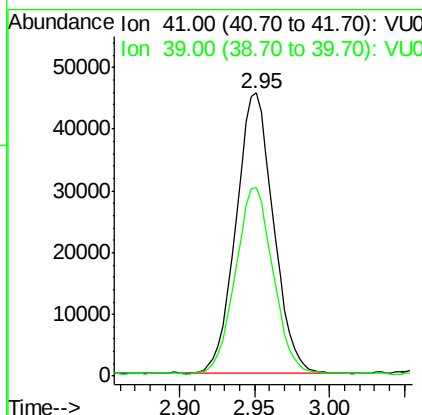
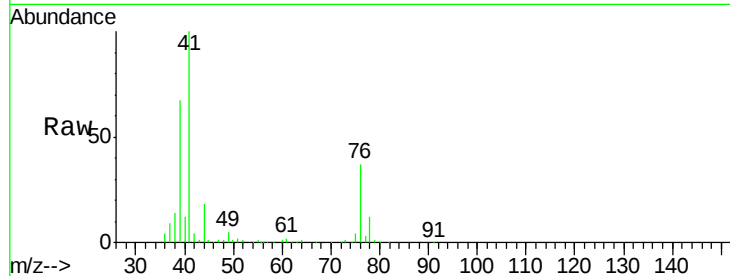
#11
Allvl Chloride
Concen: 1.835 ug/l
RT: 2.95 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampled :
VU0504WBS01

Tot Ion: 41 Resp: 78939
Ion Ratio Lower Upper
41 100
39 67.2 51.7 77.5

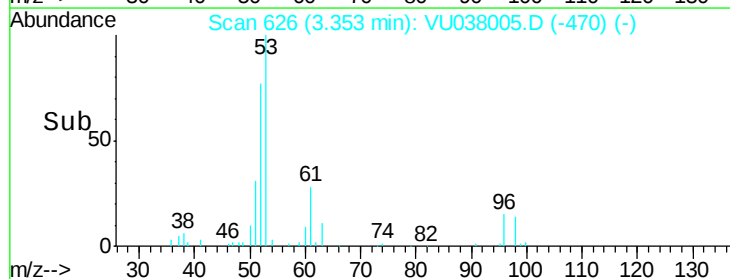
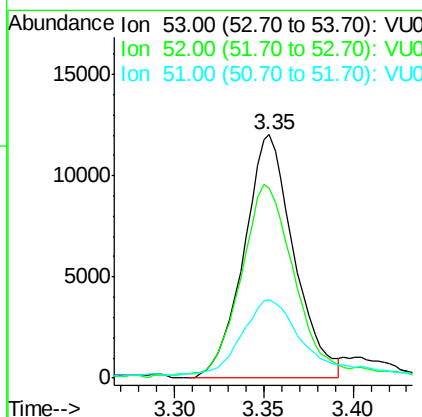
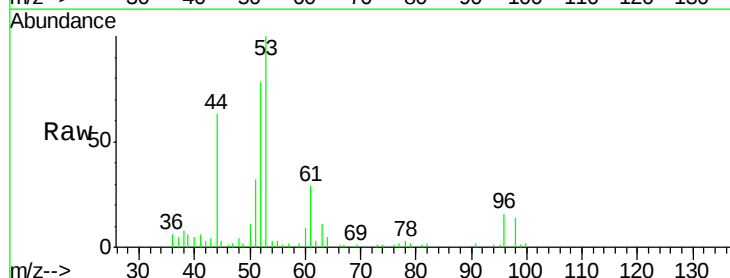
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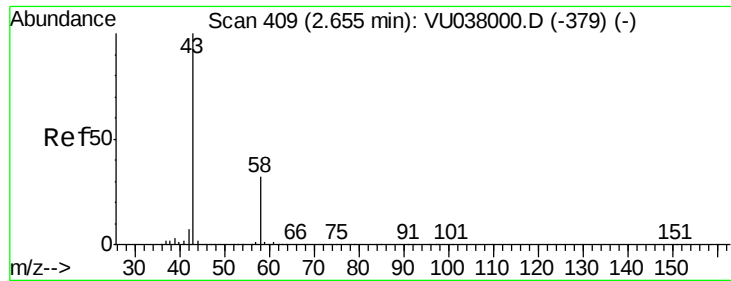
apatel
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#12
Acrylonitrile
Concen: 3.707 ug/l
RT: 3.35 min Scan# 626
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion: 53 Resp: 23496
Ion Ratio Lower Upper
53 100
52 84.1 63.3 94.9
51 36.9 30.2 45.2





#13

Acetone

Concen: 8.130 ug/l

RT: 2.66 min Scan# 409

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBS01

Tot Ion: 43 Resp: 41214

Ion Ratio Lower Upper

43 100

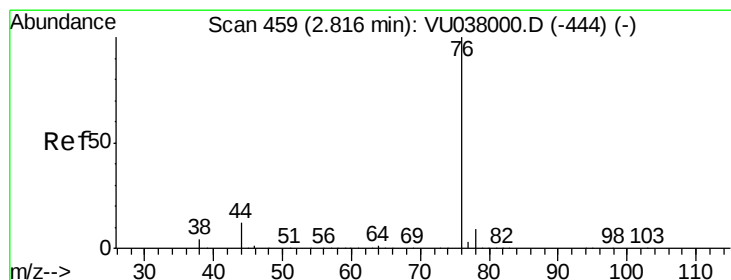
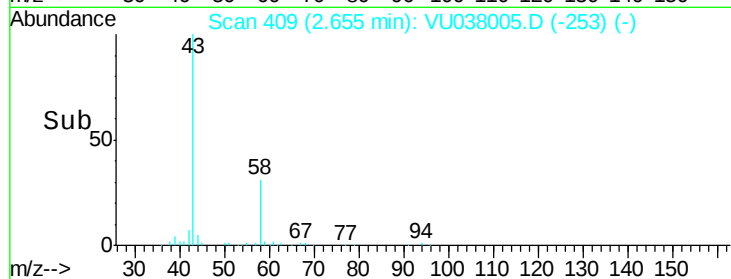
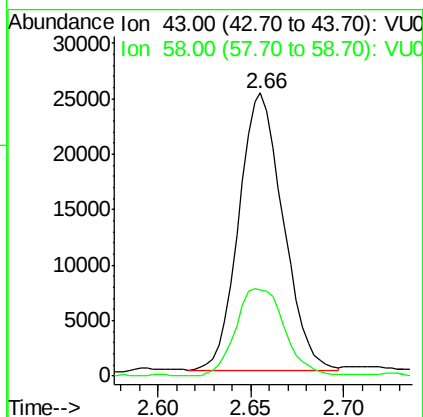
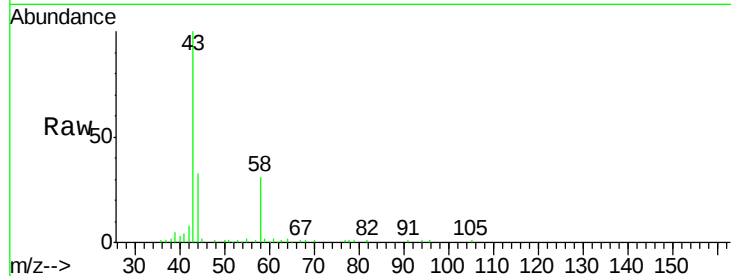
58 31.2 25.2 37.8

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#14

Carbon Disulfide

Concen: 1.805 ug/l

RT: 2.82 min Scan# 459

Delta R.T. 0.00 min

Lab File: VU038005.D

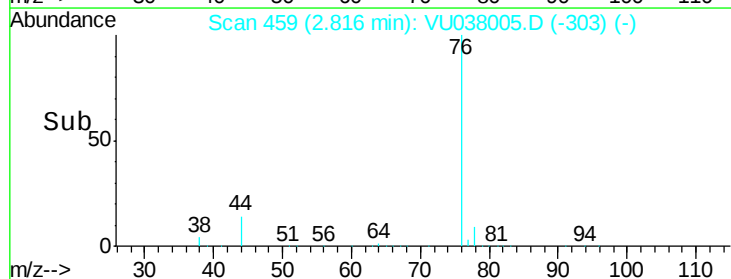
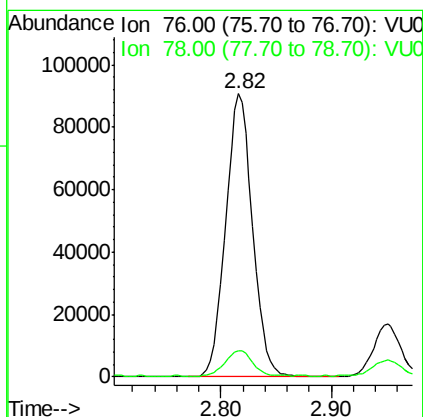
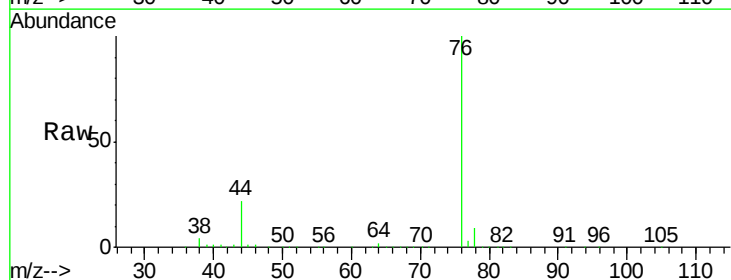
Acq: 04 May 2020 17:16

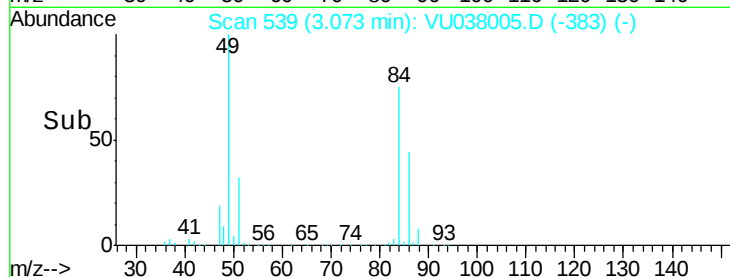
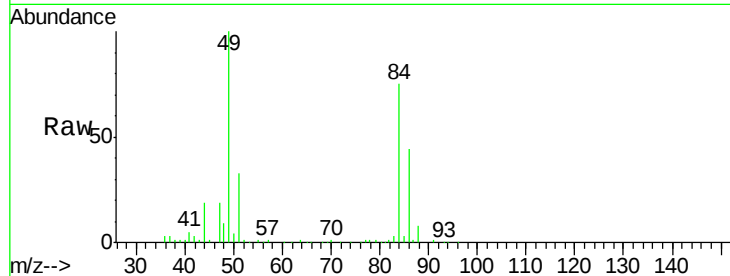
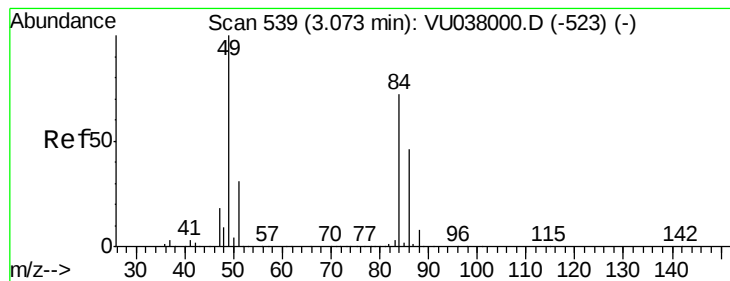
Tgt Ion: 76 Resp: 152767

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6





#15

Methylene Chloride

Concen: 1.887 ug/l

RT: 3.07 min Scan# 539

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Tot Ion:	84	Resp:	58619
Ion	Ratio	Lower	Upper
84	100		
49	134.2	110.6	166.0
51	43.4	0.0	85.4
86	59.0	50.9	76.3

Instrument :

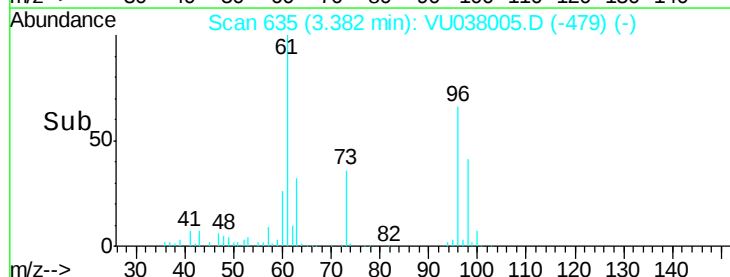
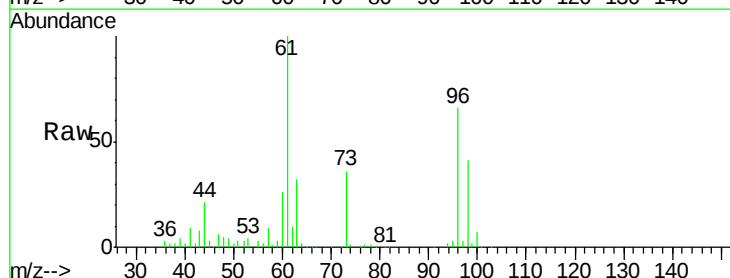
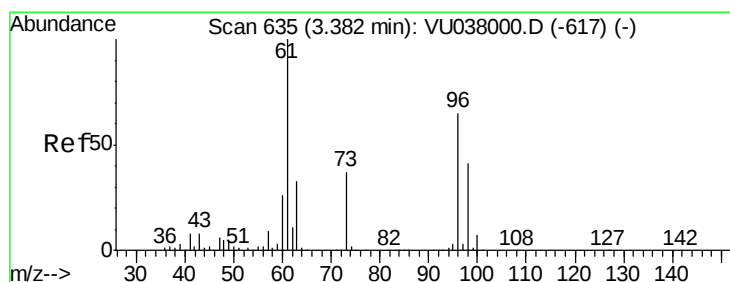
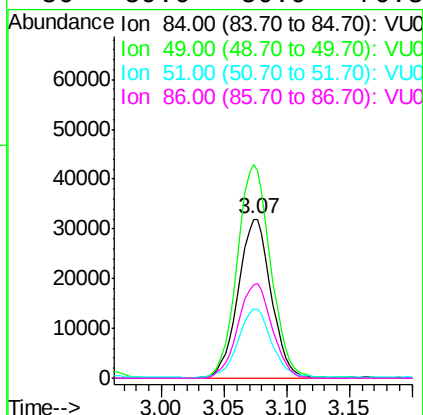
MSVOA_U

ClientSampleId :

VU0504WBS01

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#16

trans-1,2-Dichloroethene

Concen: 1.922 ug/l

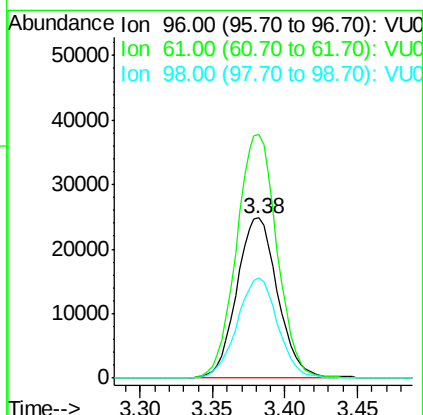
RT: 3.38 min Scan# 635

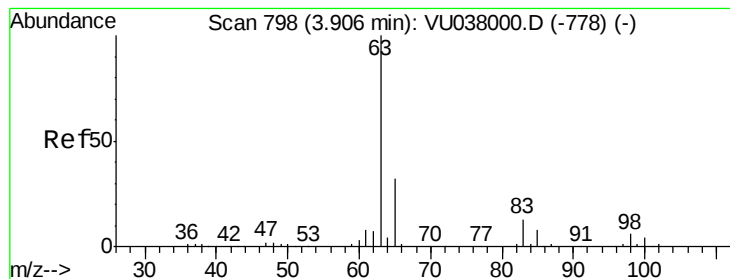
Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Tgt Ion:	96	Resp:	48768
Ion	Ratio	Lower	Upper
96	100		
61	151.9	122.4	183.6
98	62.2	50.1	75.1





#17

1,1-Dichloroethane

Concen: 1.887 ug/l

RT: 3.91 min Scan# 798

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

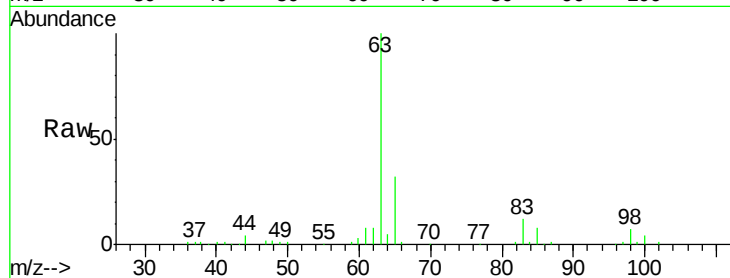
ClientSampleId :

VU0504WBS01

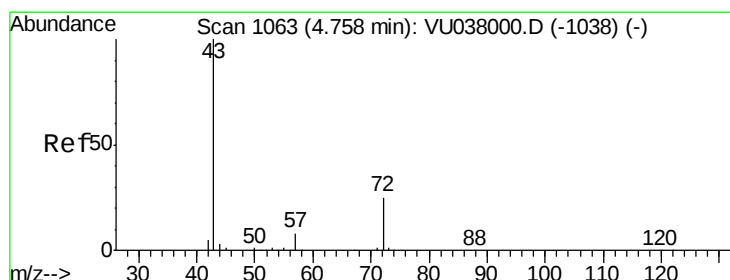
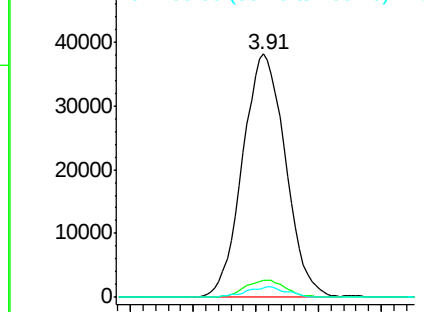
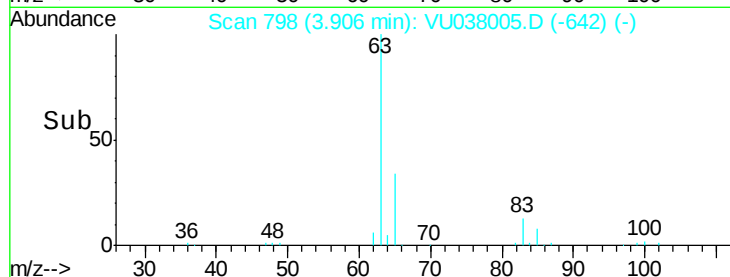
Tot Ion:	63	Resp:	90814
Ion	Ratio	Lower	Upper
63	100		
98	7.0	3.1	9.4
100	3.9	2.2	6.6

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Abundance Ion 63.00 (62.70 to 63.70): VU038005.D (-642) (-)



#18

2-Butanone

Concen: 8.515 ug/l

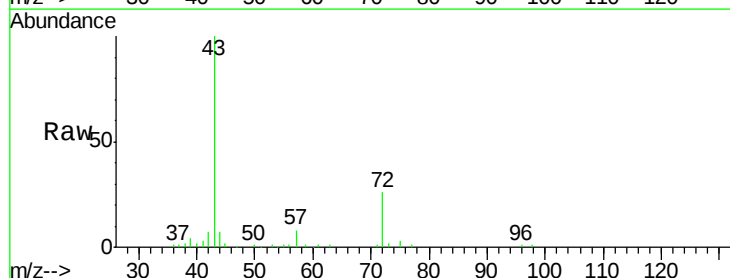
RT: 4.76 min Scan# 1063

Delta R.T. 0.00 min

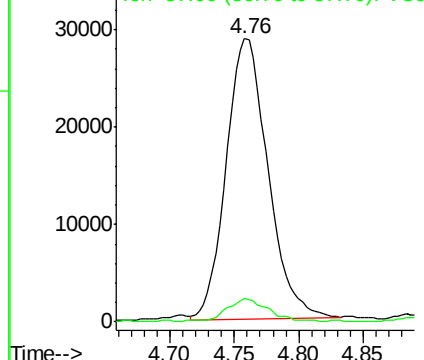
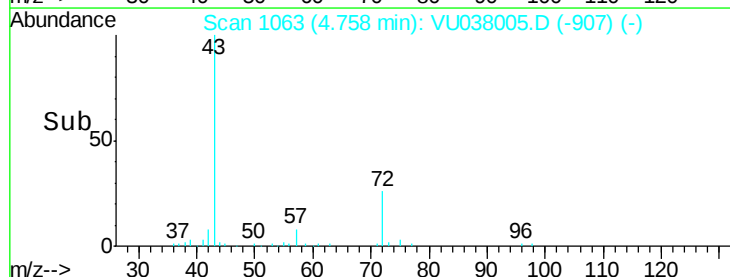
Lab File: VU038005.D

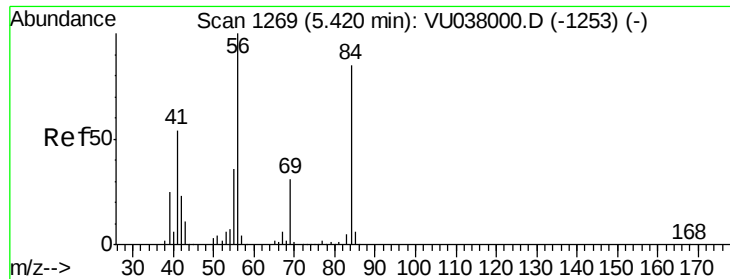
Acq: 04 May 2020 17:16

Tgt Ion:	43	Resp:	64719
Ion	Ratio	Lower	Upper
43	100		
57	7.9	0.0	16.6



Abundance Ion 43.00 (42.70 to 43.70): VU038005.D (-907) (-)





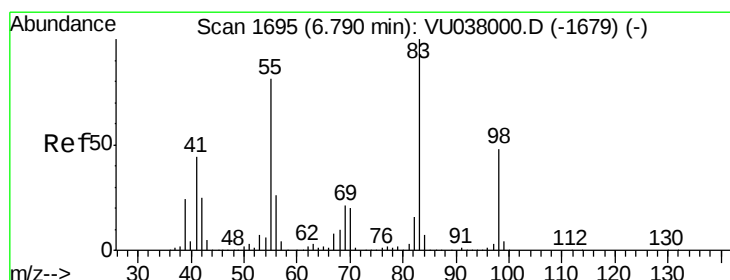
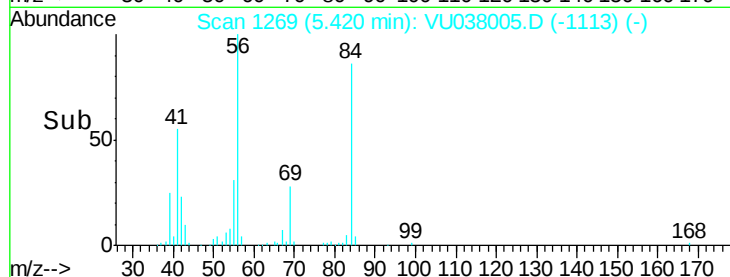
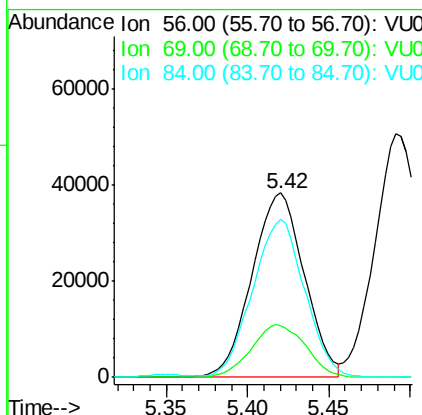
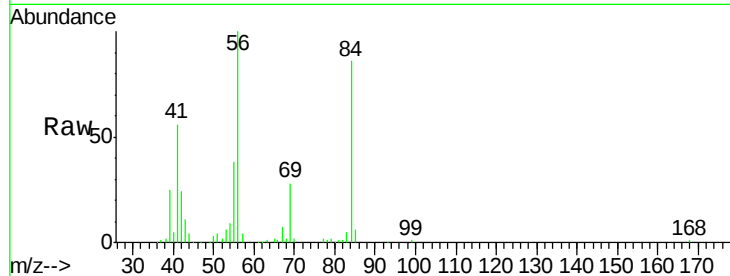
#19
Cyclohexane
Concen: 1.838 ug/l m
RT: 5.42 min Scan# 1269
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	29.6	24.3	36.5
84	83.8	66.3	99.5

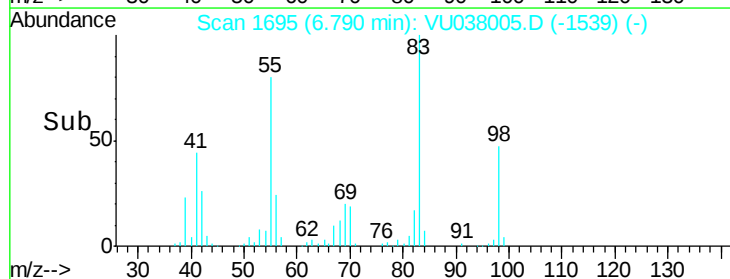
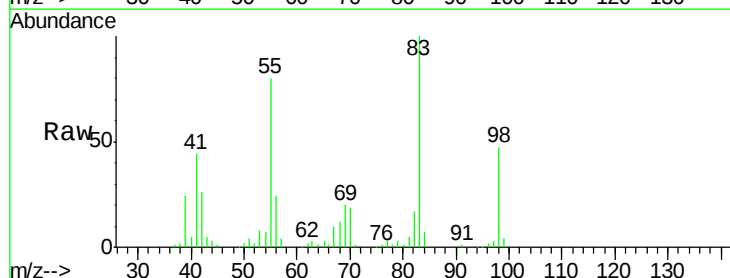
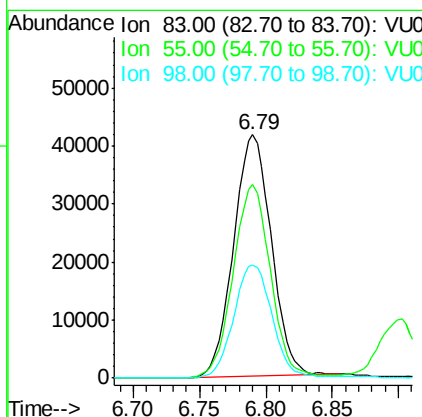
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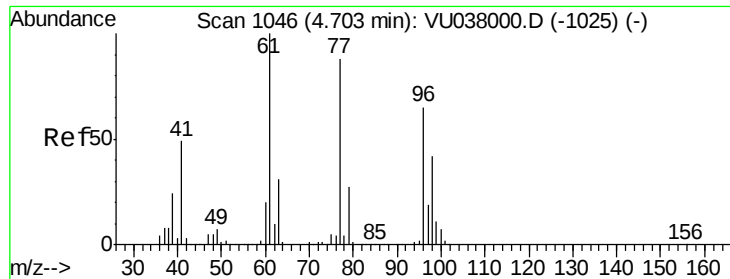
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#20
Methylcyclohexane
Concen: 1.809 ug/l
RT: 6.79 min Scan# 1695
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.5	61.5	92.3
98	46.4	37.3	55.9





#21

2,2-Dichloropropane

Concen: 1.688 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampled :

VU0504WBS01

Tot Ion: 77 Resp: 67877

Ion Ratio Lower Upper

77 100

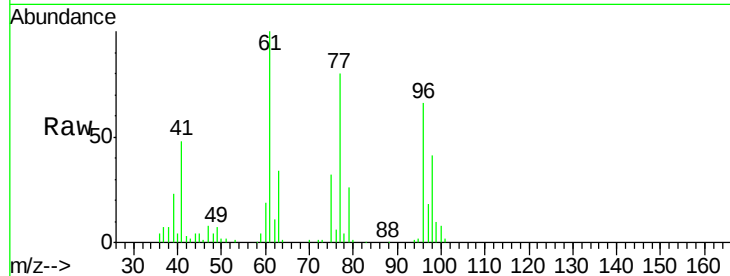
97 22.0 17.4 26.2

Manual Integrations

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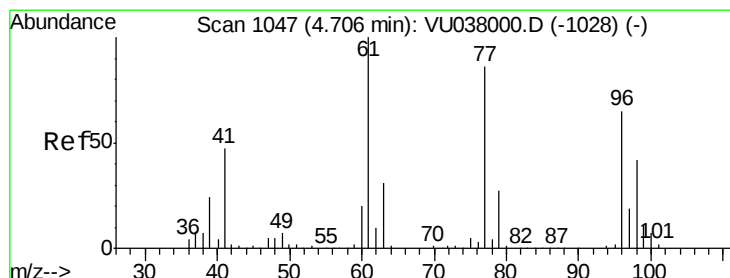
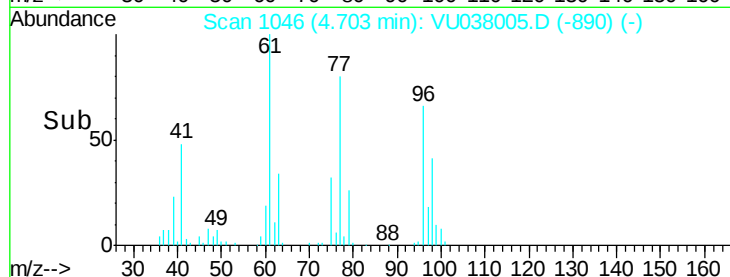
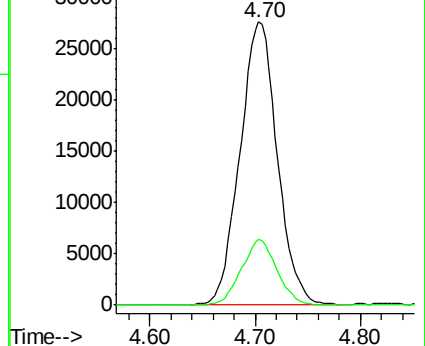
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Abundance Ion 77.00 (76.70 to 77.70): VU0

Ion 97.00 (96.70 to 97.70): VU0



#22

cis-1,2-Dichloroethene

Concen: 1.889 ug/l

RT: 4.70 min Scan# 1046

Delta R.T. -0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

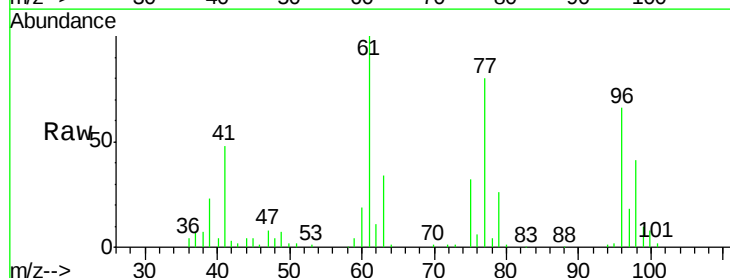
Tgt Ion: 96 Resp: 50659

Ion Ratio Lower Upper

96 100

61 157.5 0.0 389.3

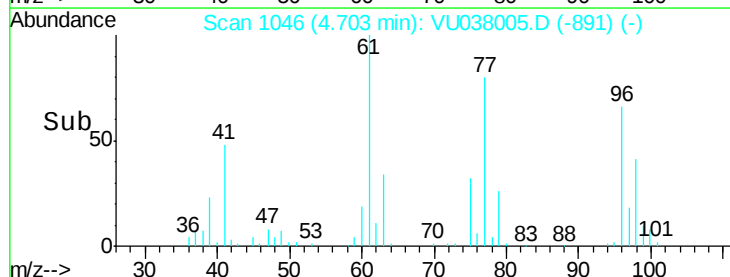
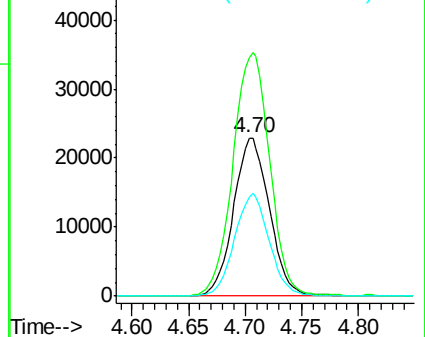
98 62.5 32.1 96.3

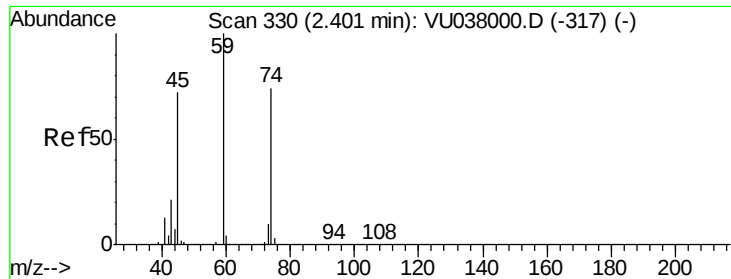


Abundance Ion 96.00 (95.70 to 96.70): VU0

Ion 61.00 (60.70 to 61.70): VU0

Ion 98.00 (97.70 to 98.70): VU0





#23

Diethyl Ether

Concen: 1.877 ug/l

RT: 2.40 min Scan# 330

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

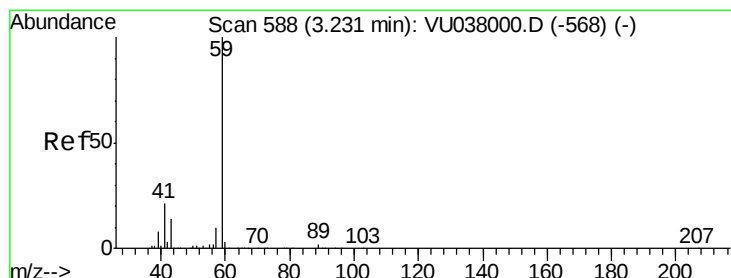
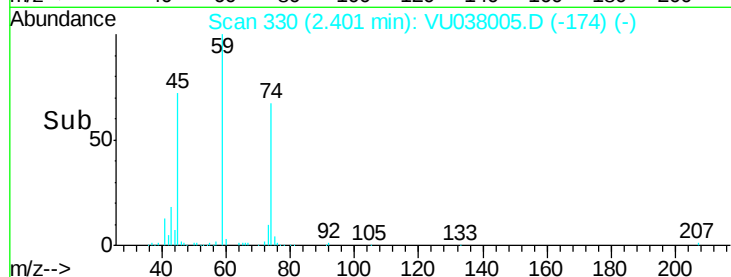
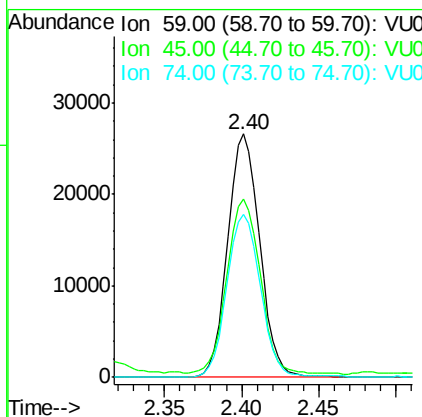
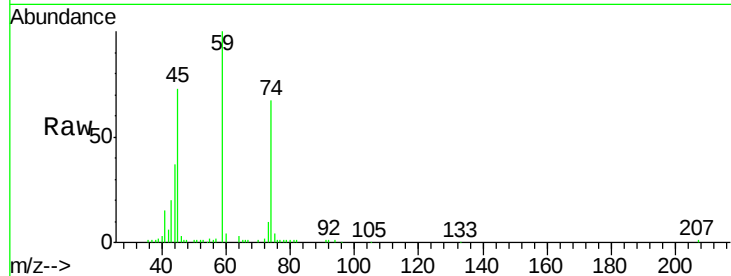
ClientSampleId :

VU0504WBS01

Tot Ion:	59	Resp:	38154
Ion Ratio	Lower	Upper	
59	100		
45	74.4	59.8	89.6
74	70.4	58.2	87.4

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#24

tert-Butyl Alcohol

Concen: 17.997 ug/l

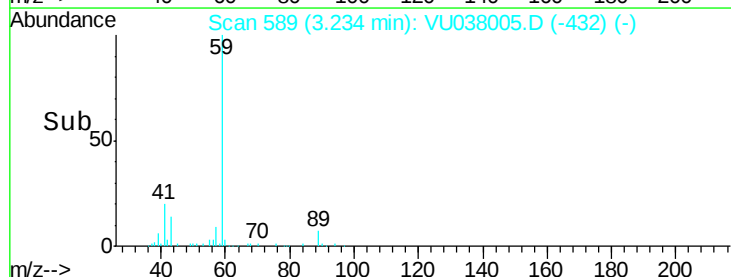
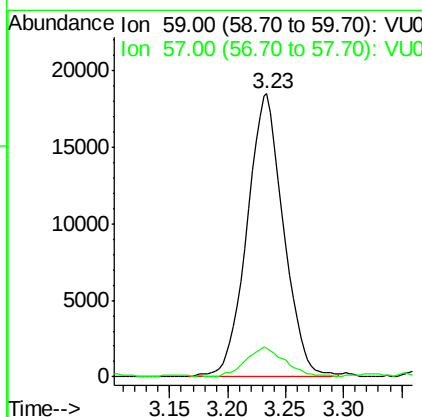
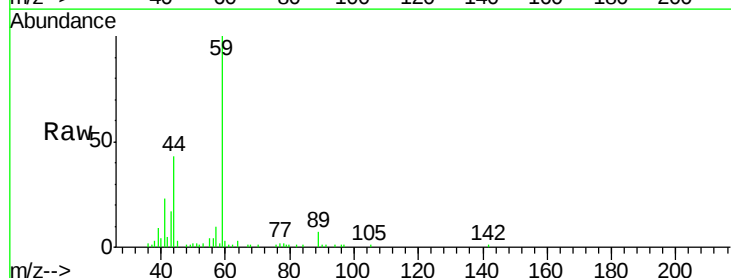
RT: 3.23 min Scan# 589

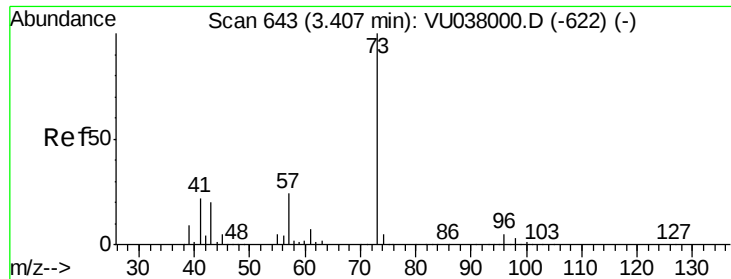
Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Tgt Ion:	59	Resp:	40607
Ion Ratio	Lower	Upper	
59	100		
57	11.4	8.2	12.4





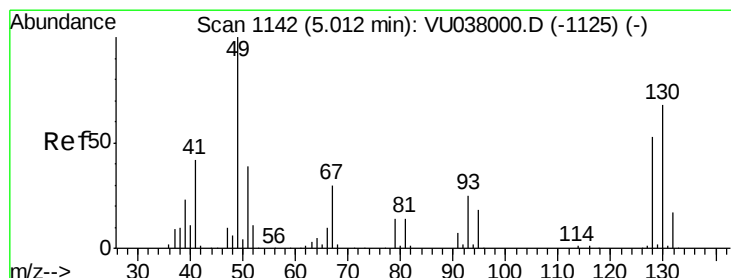
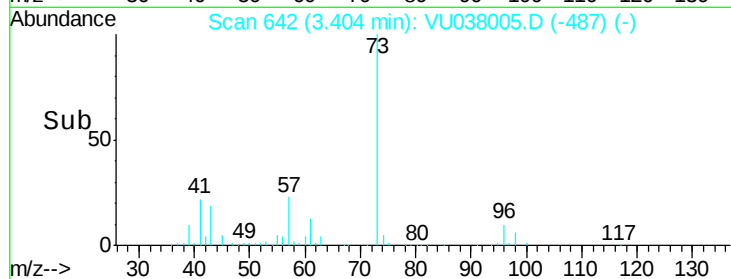
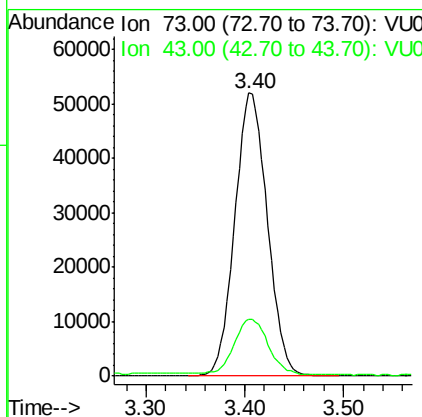
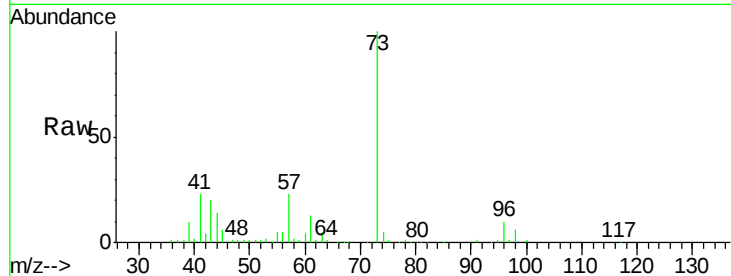
#25
Methvl tert-Butvl Ether
Concen: 1.879 ug/l
RT: 3.40 min Scan# 642
Delta R.T. -0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion: 73 Resp: 119339
Ion Ratio Lower Upper
73 100
43 20.7 16.2 24.2

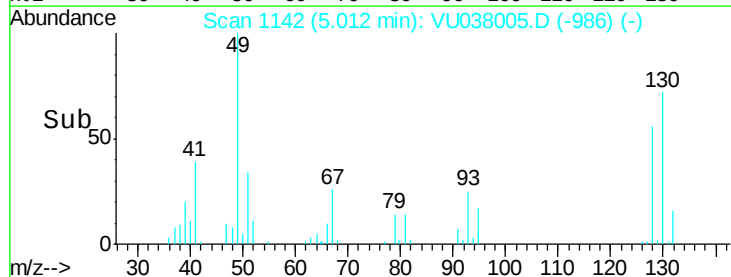
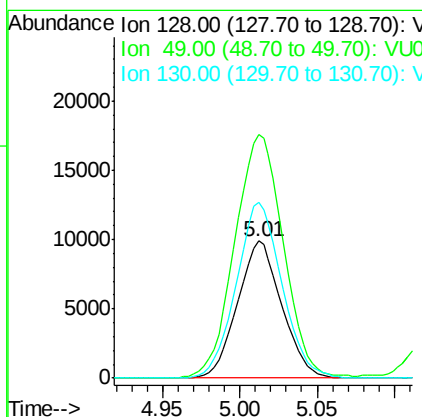
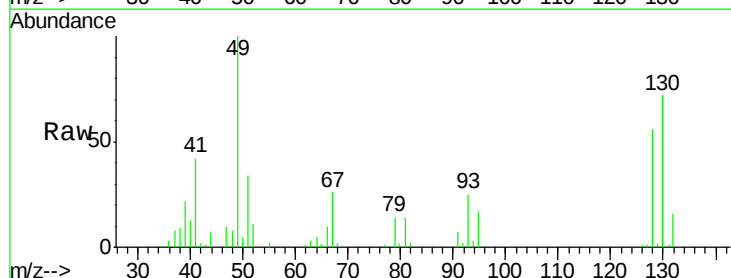
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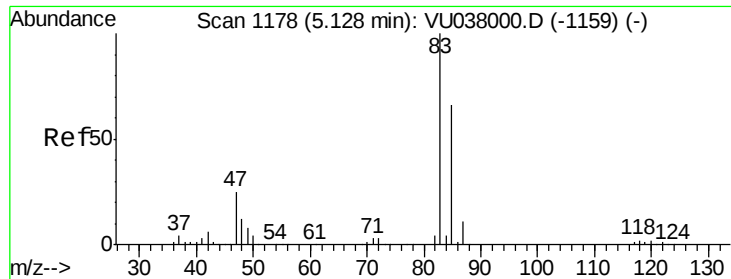
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#26
Bromochloromethane
Concen: 1.815 ug/l
RT: 5.01 min Scan# 1142
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion: 128 Resp: 19592
Ion Ratio Lower Upper
128 100
49 195.8 0.0 376.0
130 132.5 102.6 153.8





#27

Chloroform

Concen: 1.866 ug/l

RT: 5.12 min Scan# 1177

Delta R.T. -0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBS01

Tot Ion: 83 Resp: 84181

Ion Ratio Lower Upper

83 100

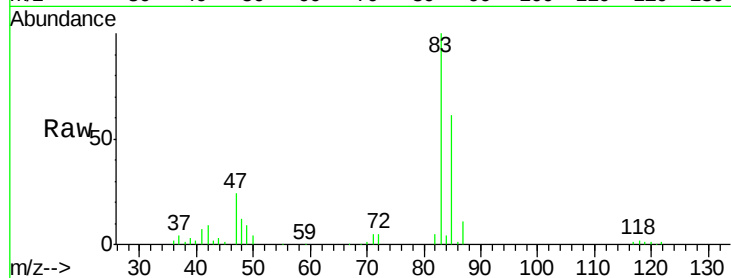
85 60.7 0.0 132.0

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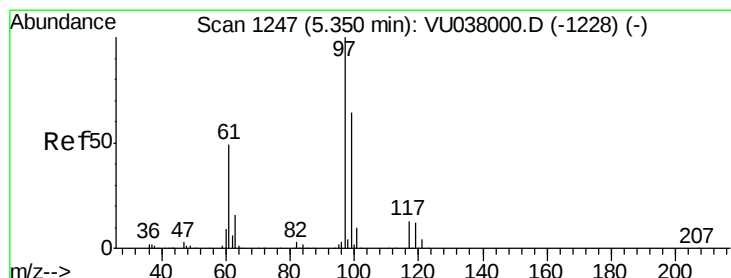
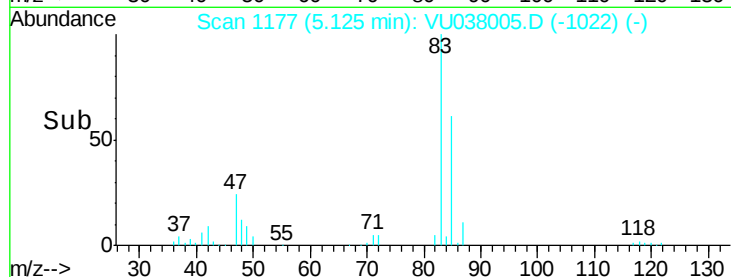
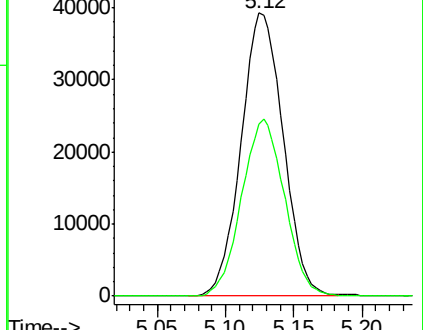
apatel

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Abundance Ion 83.00 (82.70 to 83.70): VU038000.D (-1159) (-)

Ion 85.00 (84.70 to 85.70): VU038000.D (-1159) (-)



#28

1,1,1-Trichloroethane

Concen: 1.835 ug/l

RT: 5.35 min Scan# 1247

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

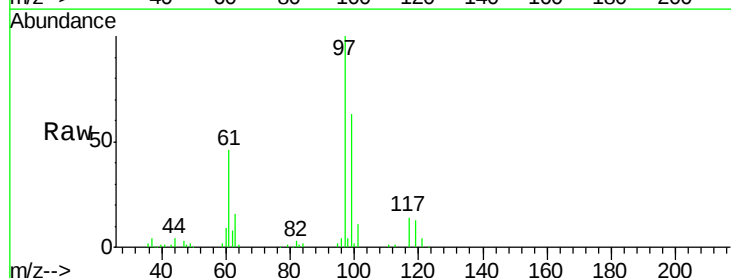
Tgt Ion: 97 Resp: 68224

Ion Ratio Lower Upper

97 100

99 65.2 31.9 95.9

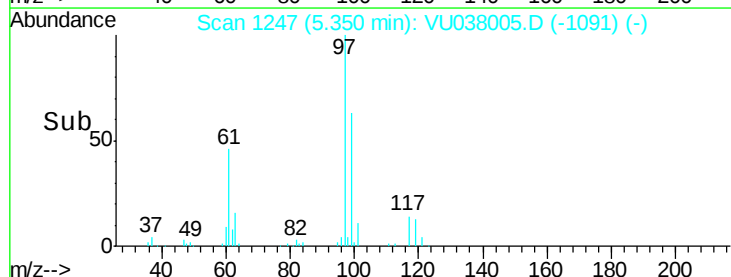
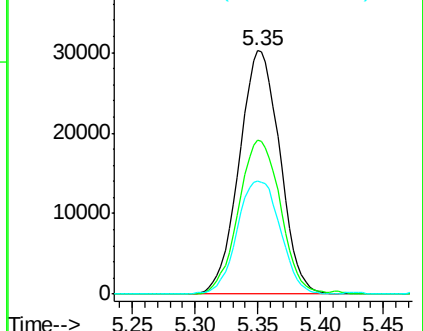
61 49.2 24.1 72.4

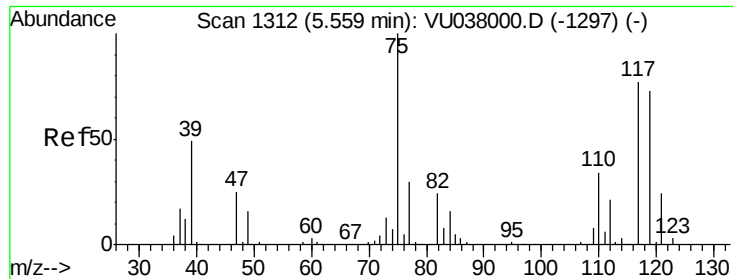


Abundance Ion 97.00 (96.70 to 97.70): VU038000.D (-1228) (-)

Ion 99.00 (98.70 to 99.70): VU038000.D (-1228) (-)

Ion 61.00 (60.70 to 61.70): VU038000.D (-1228) (-)





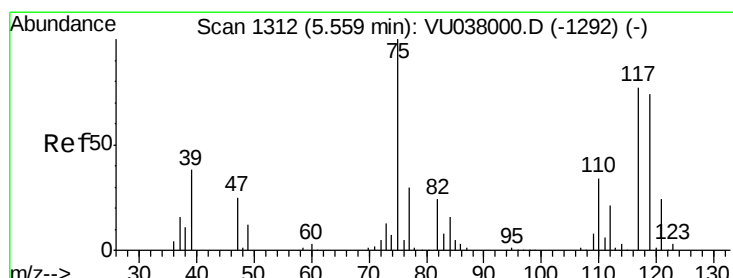
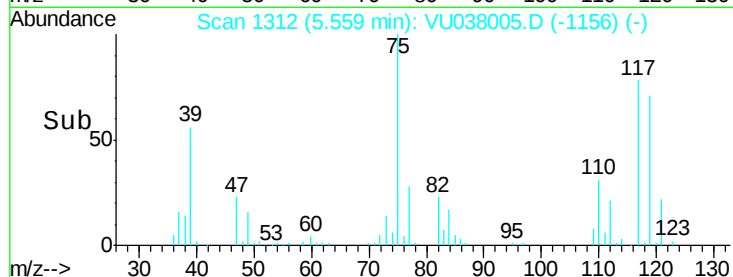
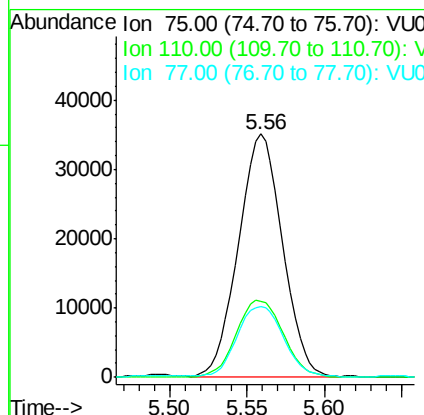
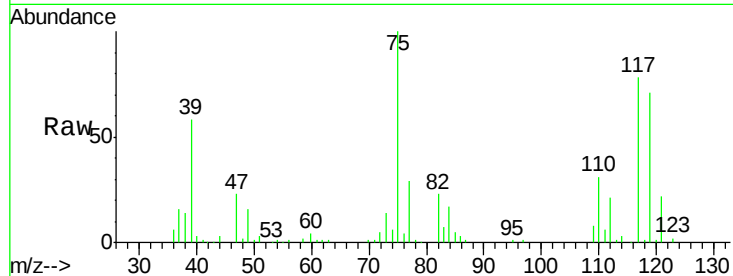
#29
 1,1-Dichloropropene
 Concen: 1.842 ug/l
 RT: 5.56 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
110	34.1	16.7	50.1
77	31.7	24.5	36.7

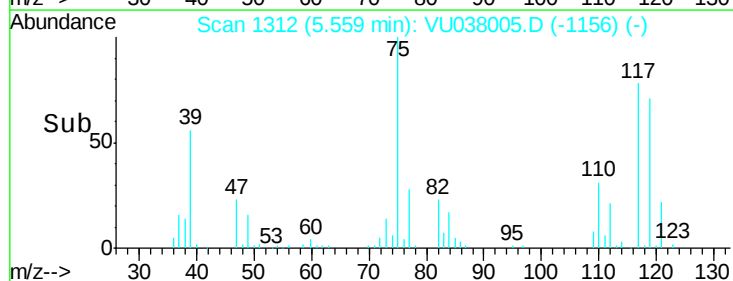
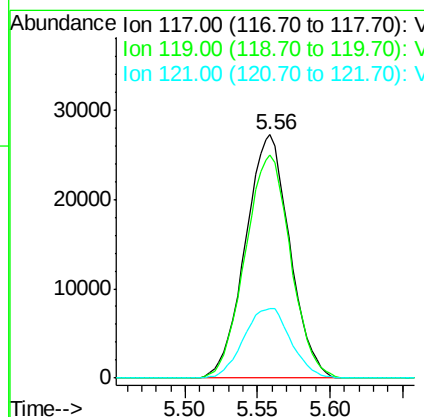
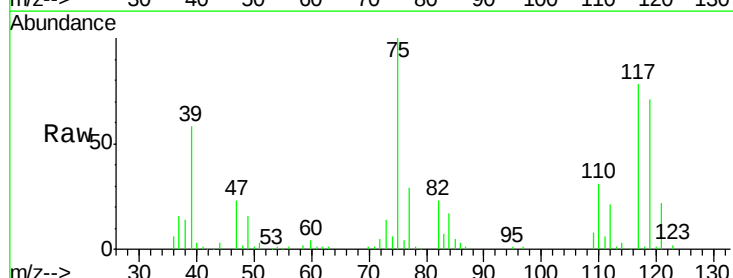
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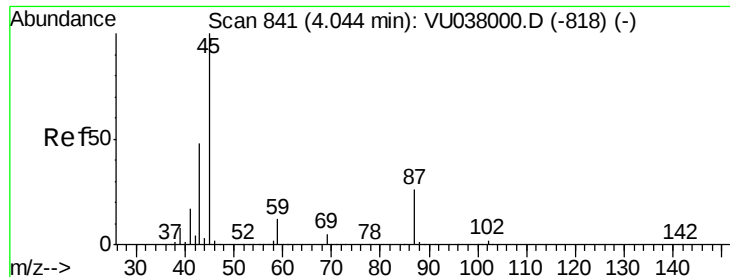
apatel
 5/5/2020 11:16:03 AM



#30
 Carbon Tetrachloride
 Concen: 1.860 ug/l
 RT: 5.56 min Scan# 1312
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.5	76.3	114.5
121	28.8	24.7	37.1





#31

Isopropyl Ether

Concen: 1.818 ug/l

RT: 4.04 min Scan# 841

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBS01

Tot Ion: 45 Resp: 143957

Ion Ratio Lower Upper

45 100

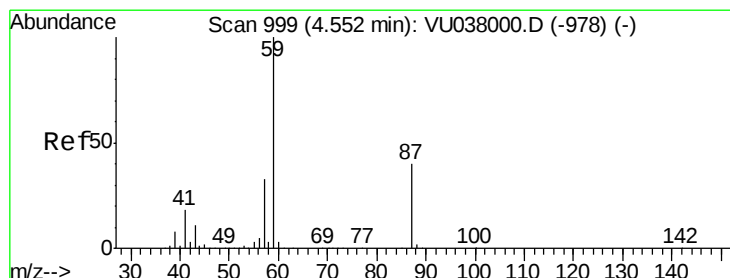
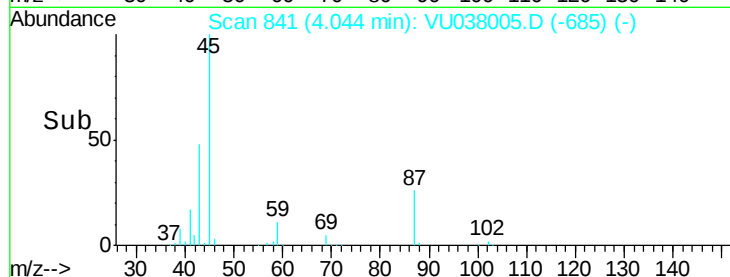
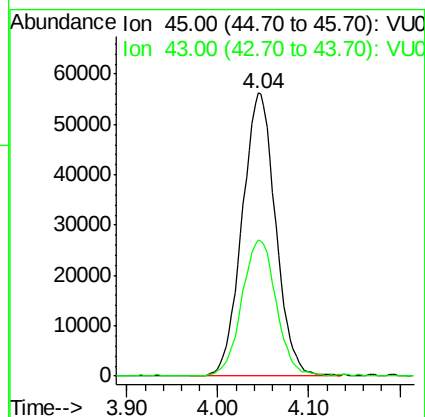
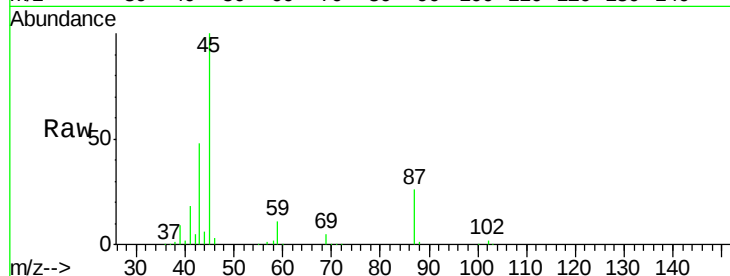
43 49.5 24.2 72.6

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#32

Ethyl-t-butyl ether

Concen: 1.778 ug/l

RT: 4.55 min Scan# 999

Delta R.T. 0.00 min

Lab File: VU038005.D

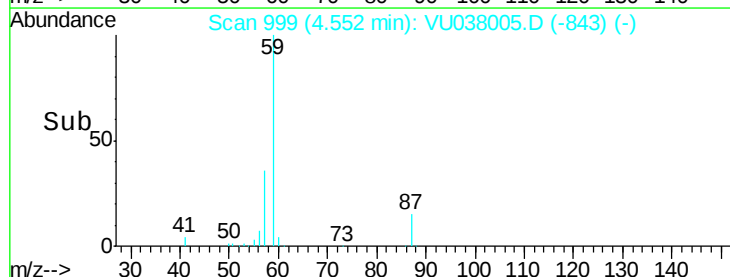
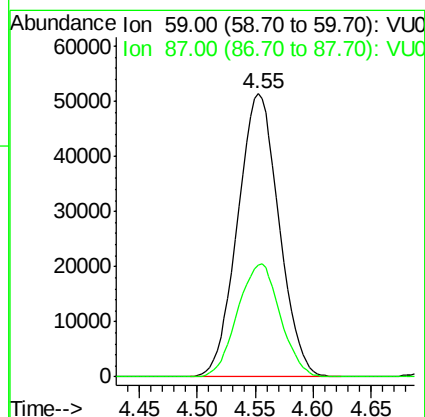
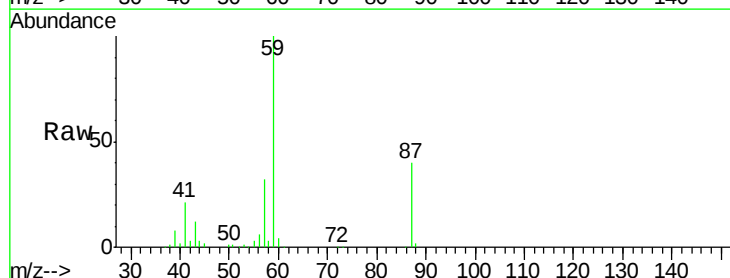
Acq: 04 May 2020 17:16

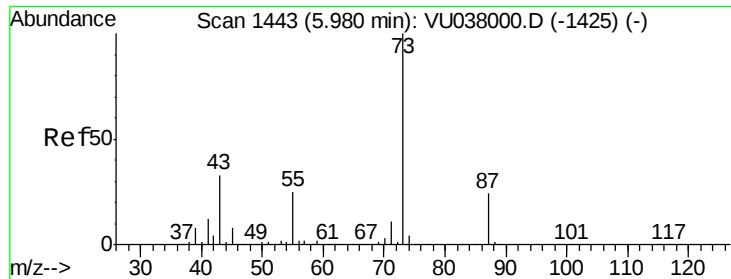
Tgt Ion: 59 Resp: 127121

Ion Ratio Lower Upper

59 100

87 41.2 32.4 48.6





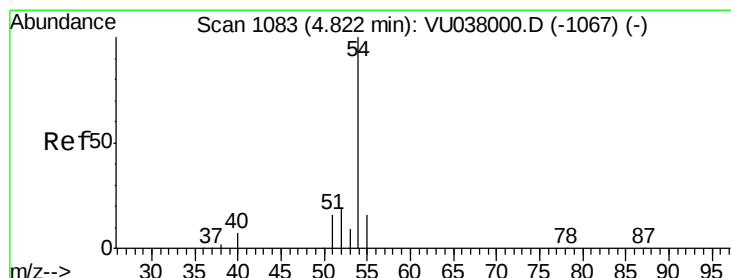
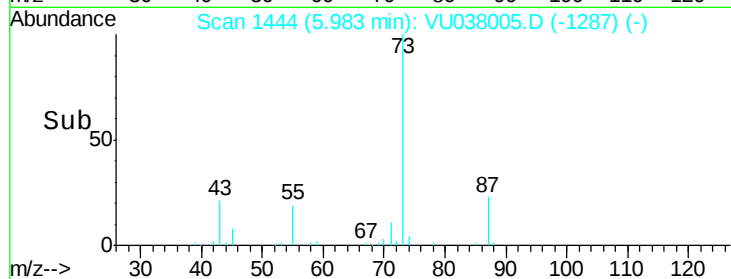
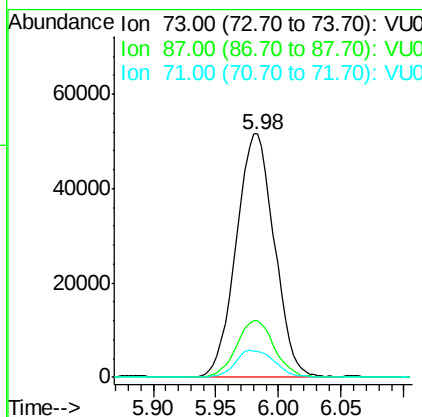
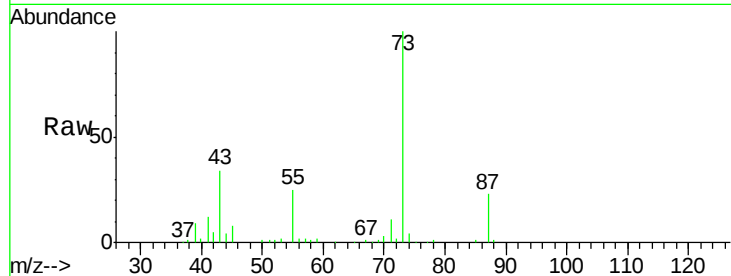
#33
Tert-Butyl methyl ether
Concen: 1.763 ug/l
RT: 5.98 min Scan# 1444
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
87	23.3	18.9	28.3
71	11.5	9.1	13.7

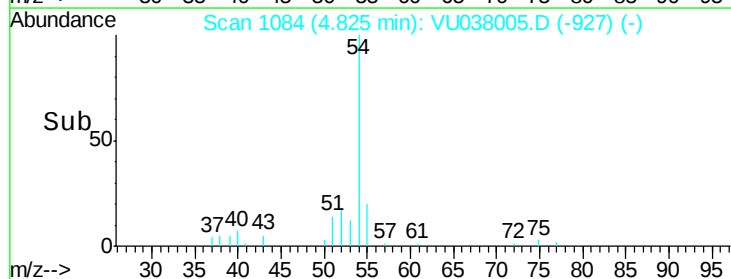
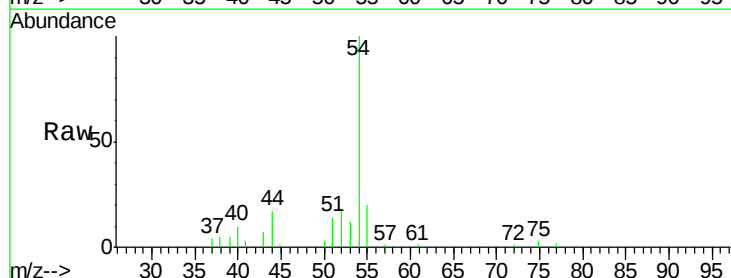
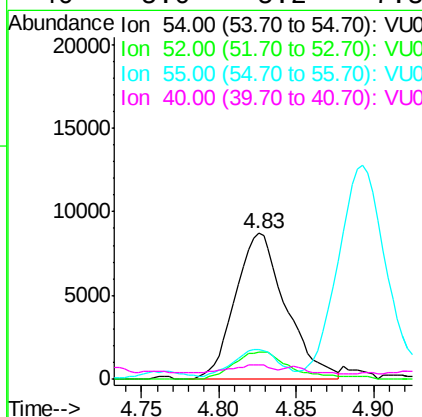
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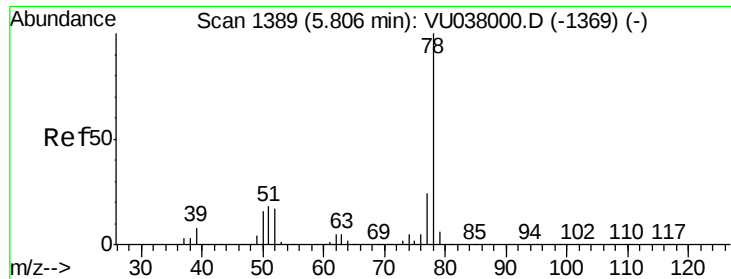
apatel
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#34
Propionitrile
Concen: 9.101 ug/l
RT: 4.83 min Scan# 1084
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
54	100		
52	20.1	15.8	23.8
55	17.6	13.2	19.8
40	5.0	5.2	7.8#





#35

Benzene

Concen: 1.862 ug/l

RT: 5.81 min Scan# 1389

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBS01

Tot Ion: 78 Resp: 195007

Ion Ratio Lower Upper

78 100

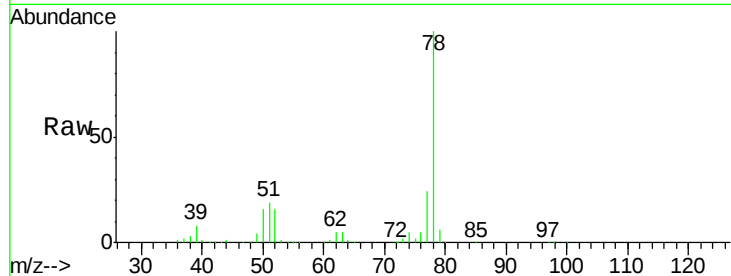
77 24.0 19.3 28.9

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Abundance Ion 78.10 (77.80 to 78.80): VU038005.D (-1233) (-)

Ion 77.00 (76.70 to 77.70): VU038005.D (-1233) (-)

5.81

100000

80000

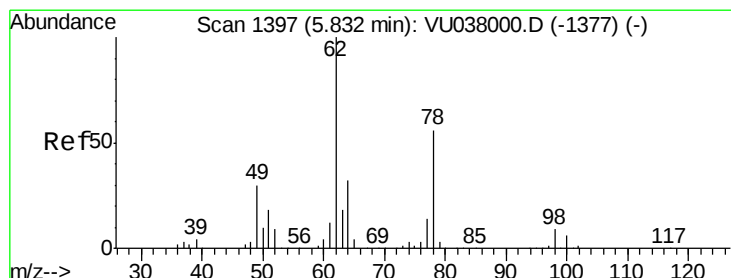
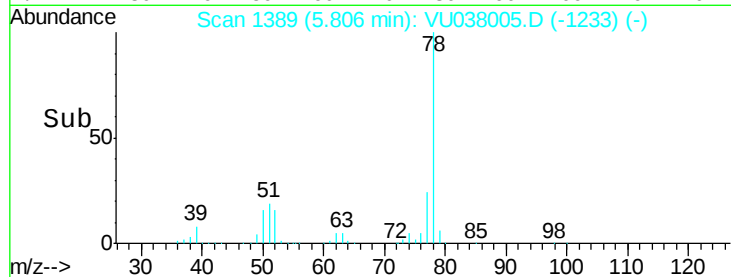
60000

40000

20000

0

Time-->



#36

1,2-Dichloroethane

Concen: 1.850 ug/l

RT: 5.83 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VU038005.D

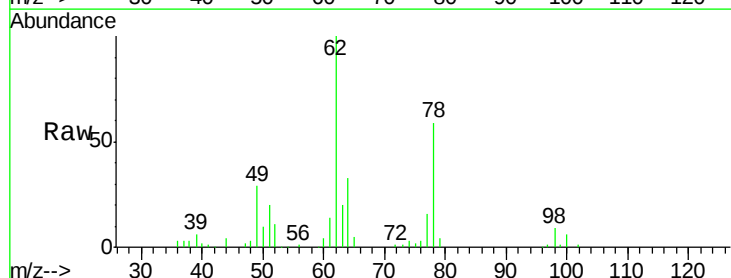
Acq: 04 May 2020 17:16

Tgt Ion: 62 Resp: 57325

Ion Ratio Lower Upper

62 100

98 9.4 7.3 10.9



Abundance Ion 62.00 (61.70 to 62.70): VU038005.D (-1241) (-)

Ion 98.00 (97.70 to 98.70): VU038005.D (-1241) (-)

5.83

30000

25000

20000

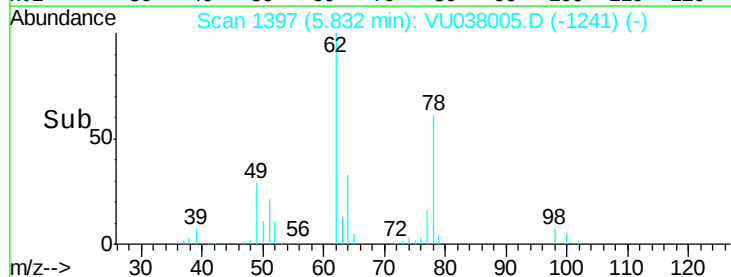
15000

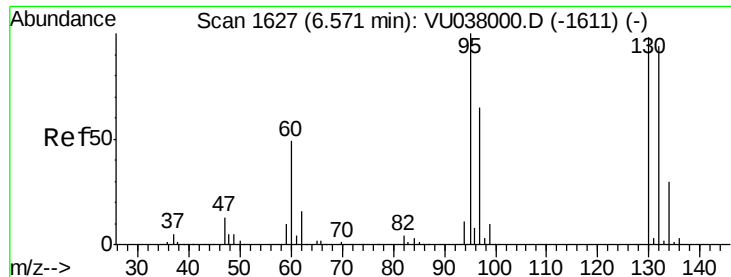
10000

5000

0

Time-->





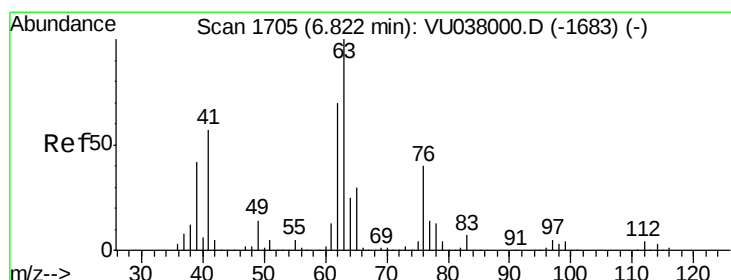
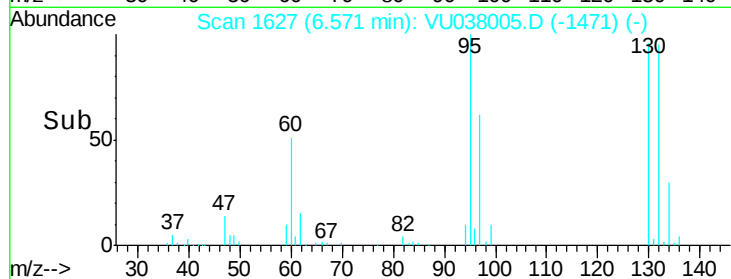
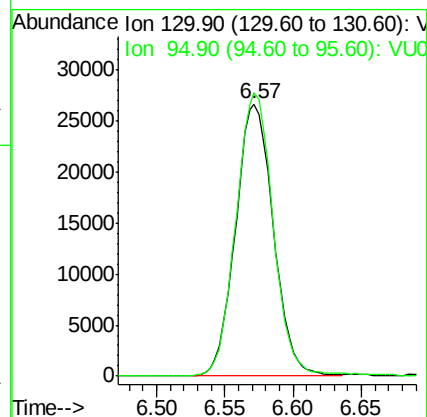
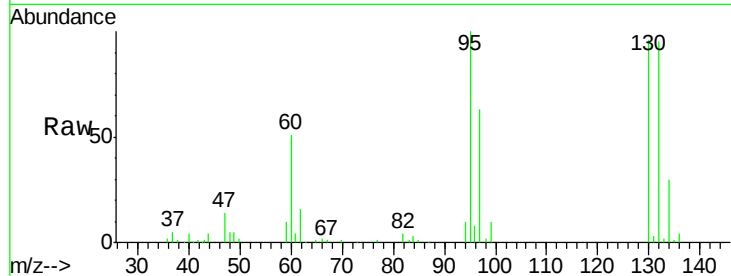
#37
 Trichloroethene
 Concen: 1.870 ug/l
 RT: 6.57 min Scan# 1627
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

Tot Ion:130 Resp: 51424
 Ion Ratio Lower Upper
 130 100
 95 104.1 81.6 122.4

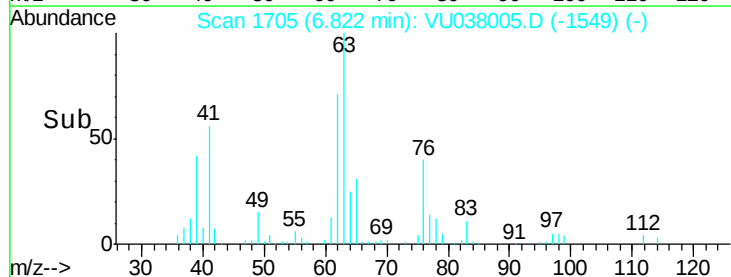
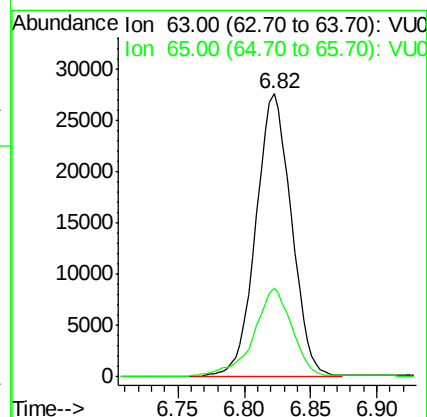
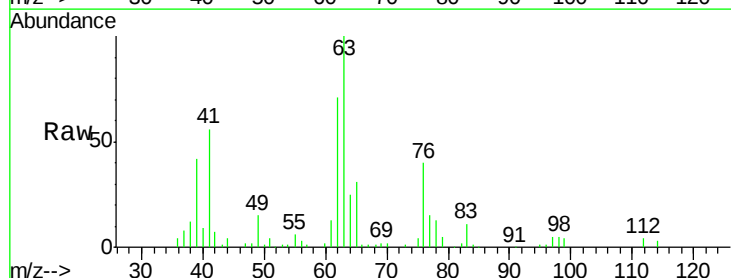
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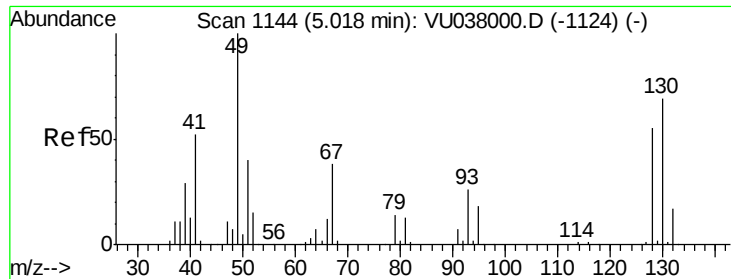
apatel
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#38
 1,2-Dichloropropane
 Concen: 1.836 ug/l
 RT: 6.82 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion: 63 Resp: 51751
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.1 36.1





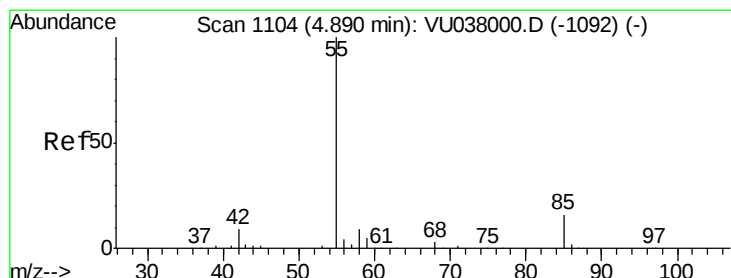
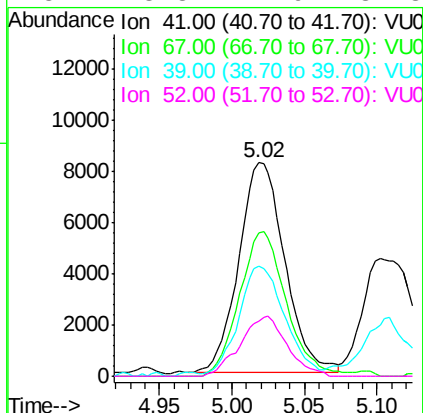
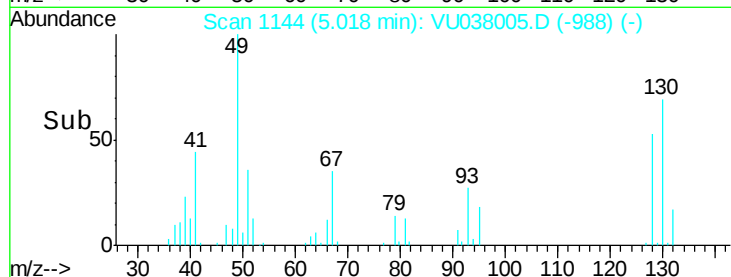
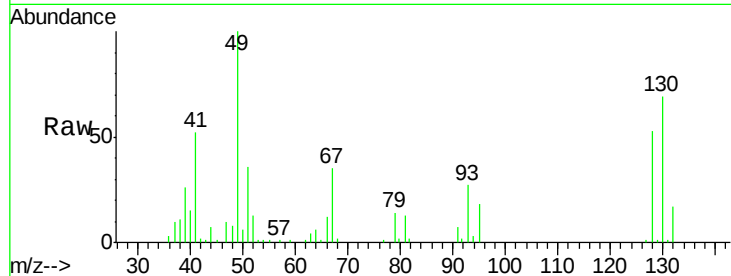
#39
Methacrylonitrile
Concen: 1.787 ug/l
RT: 5.02 min Scan# 1144
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion	41	Resp	18211
Ion Ratio	Lower	Upper	
41	100		
67	69.6	58.0	87.0
39	50.2	43.2	64.8
52	28.8	22.9	34.3

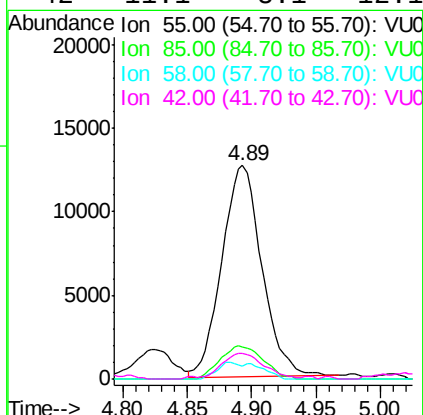
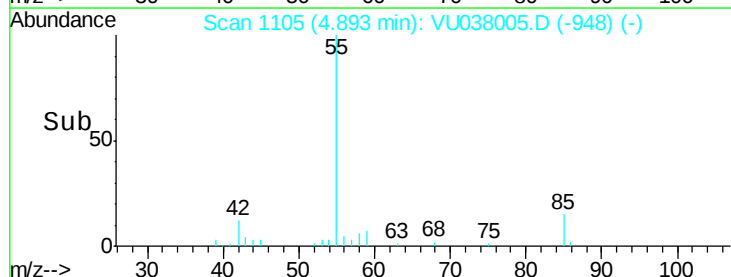
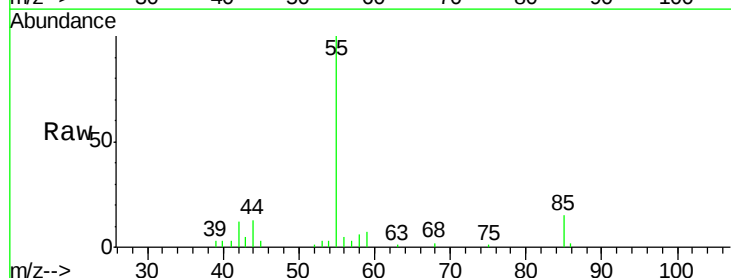
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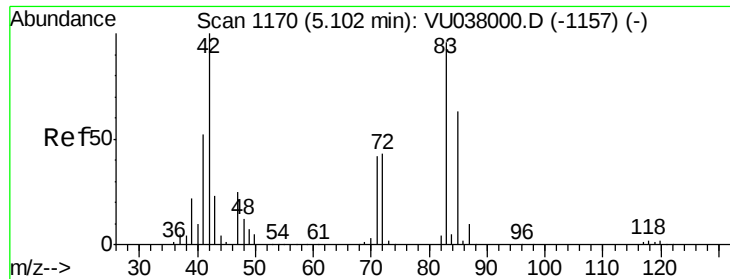
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#40
Methyl acrylate
Concen: 1.809 ug/l
RT: 4.89 min Scan# 1105
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion	55	Resp	27167
Ion Ratio	Lower	Upper	
55	100		
85	16.7	12.9	19.3
58	4.7	7.2	10.8#
42	11.1	8.1	12.1





#41

Tetrahydrofuran

Concen: 3.688 ug/l

RT: 5.11 min Scan# 1171

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

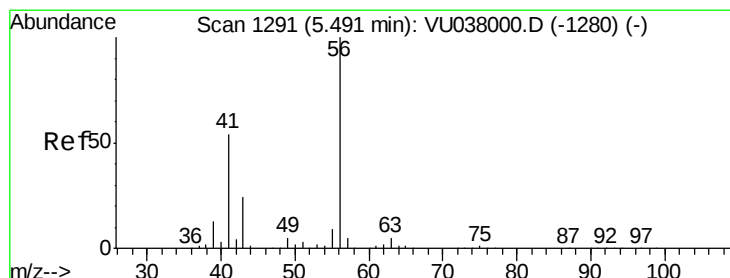
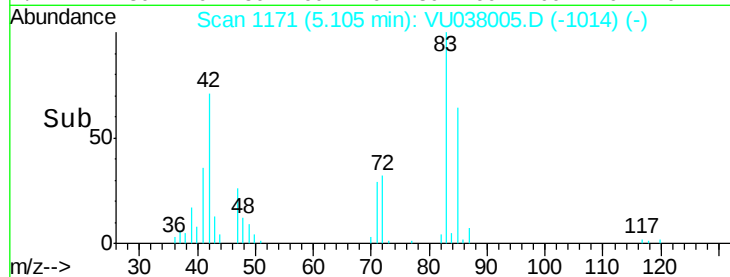
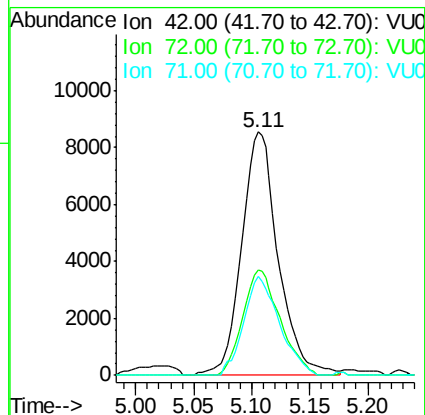
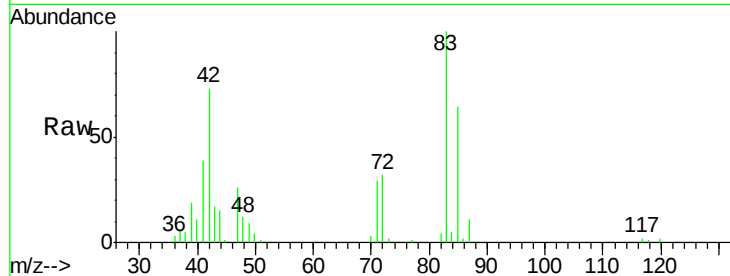
ClientSampleId :

VU0504WBS01

Tot Ion:	42	Resp:	18753
Ion	Ratio	Lower	Upper
42	100		
72	44.0	37.4	56.2
71	39.5	32.8	49.2

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#42

1-Chlorobutane

Concen: 1.848 ug/l

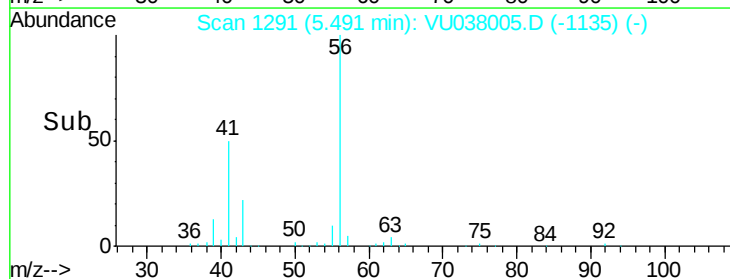
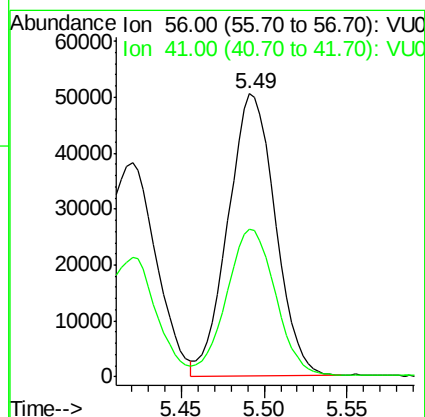
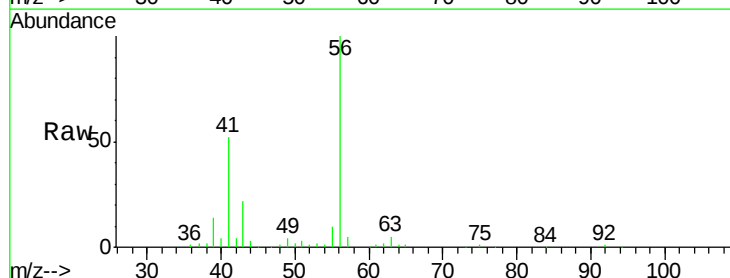
RT: 5.49 min Scan# 1291

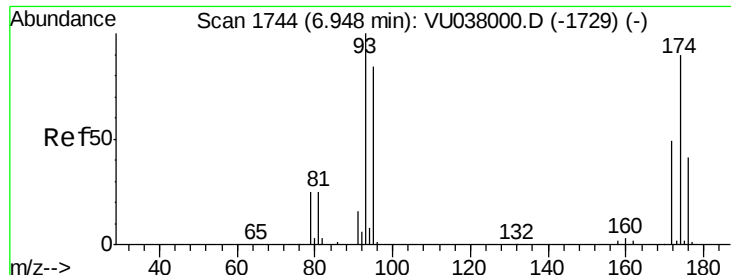
Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Tgt Ion:	56	Resp:	99655
Ion	Ratio	Lower	Upper
56	100		
41	53.6	26.8	80.4





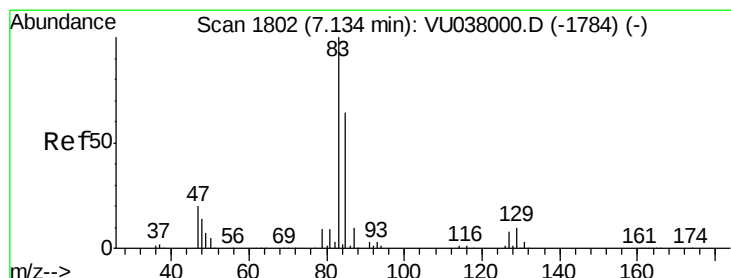
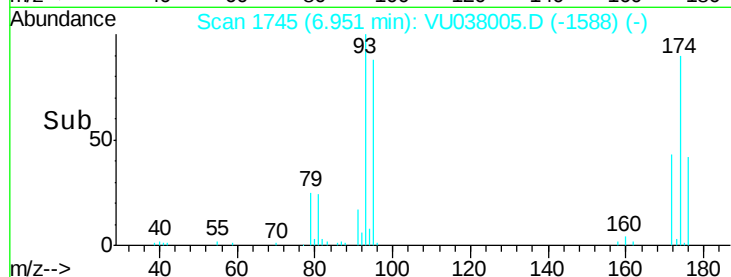
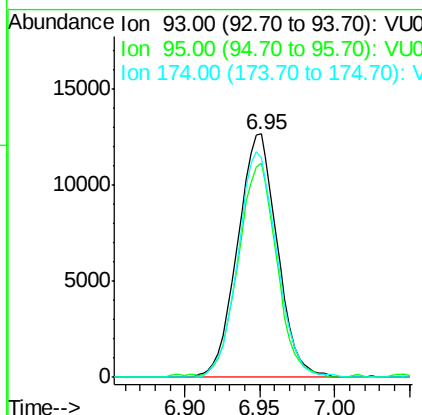
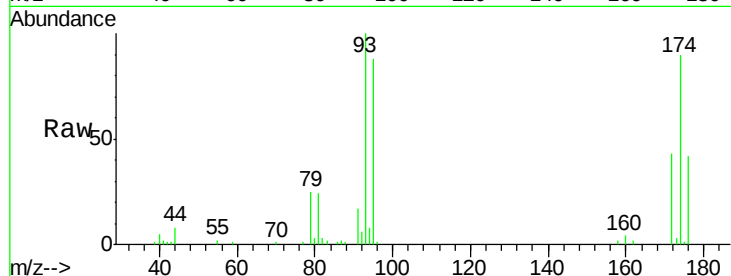
#43
 Dibromomethane
 Concen: 1.782 ug/l
 RT: 6.95 min Scan# 1745
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

Tot Ion	93	Resp	23394
Ion Ratio	100	Lower	Upper
93	100		
95	85.2	66.1	99.1
174	90.7	72.8	109.2

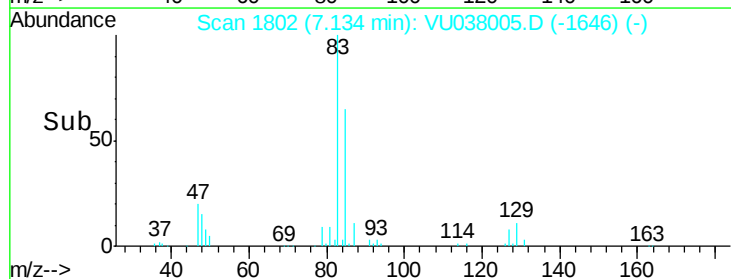
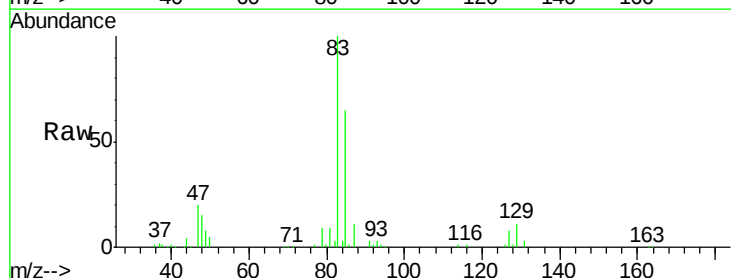
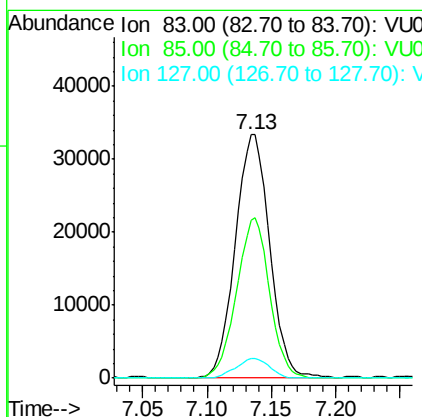
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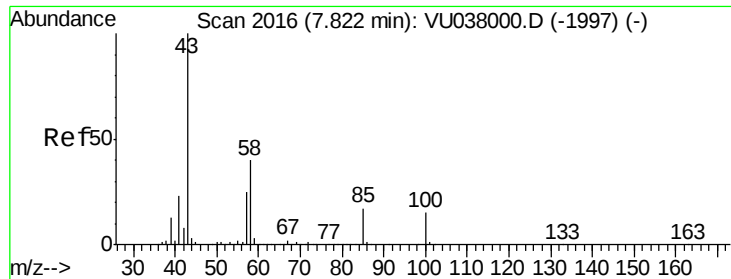
apatel
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#44
 Bromodichloromethane
 Concen: 1.884 ug/l
 RT: 7.13 min Scan# 1802
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion	83	Resp	62109
Ion Ratio	100	Lower	Upper
83	100		
85	64.7	51.4	77.0
127	8.2	6.2	9.2





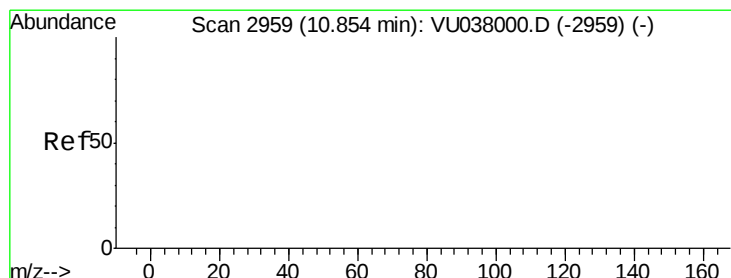
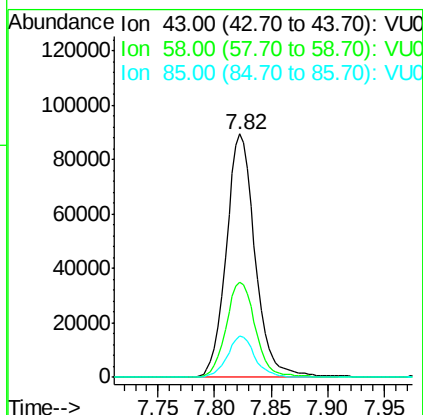
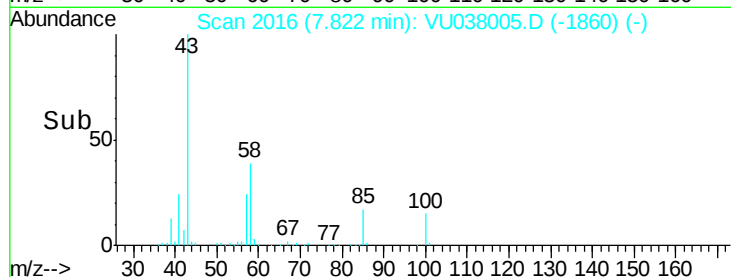
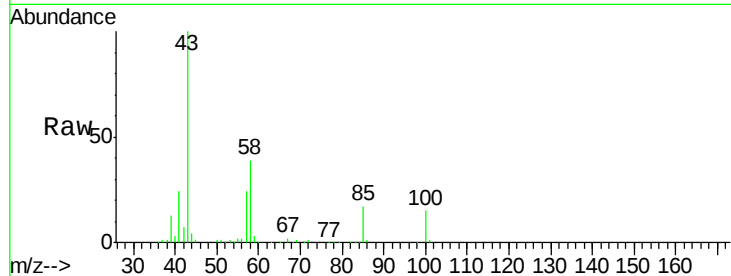
#45
4-Methyl-2-Pentanone
Concen: 8.838 ug/l
RT: 7.82 min Scan# 2016
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	20.1	60.3
85	16.4	13.7	20.5

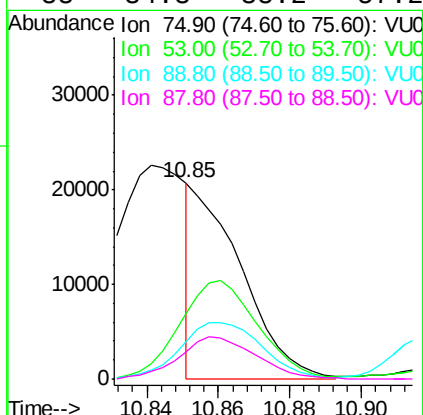
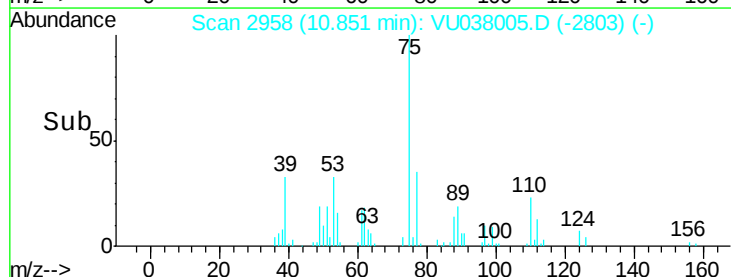
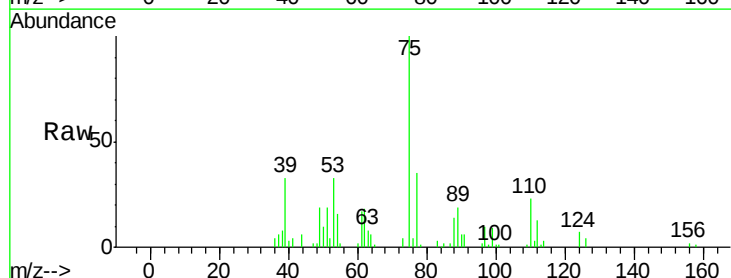
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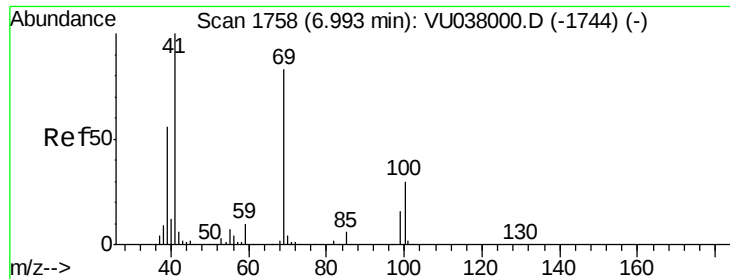
apatel
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#46
t-1,4-Dichloro-2-butene
Concen: 3.530 ug/l m
RT: 10.85 min Scan# 2958
Delta R.T. -0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
53	81.6	81.1	121.7
89	49.0	53.2	79.8#
88	34.3	38.2	57.2#





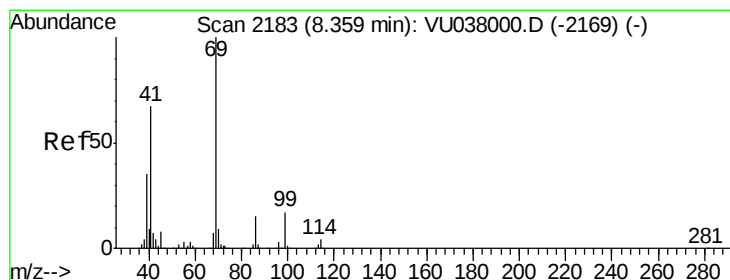
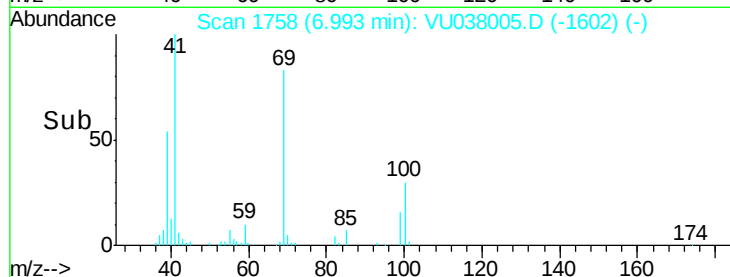
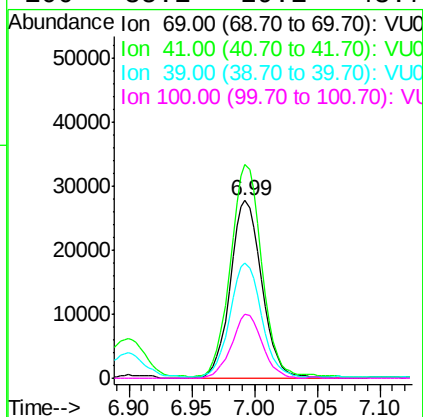
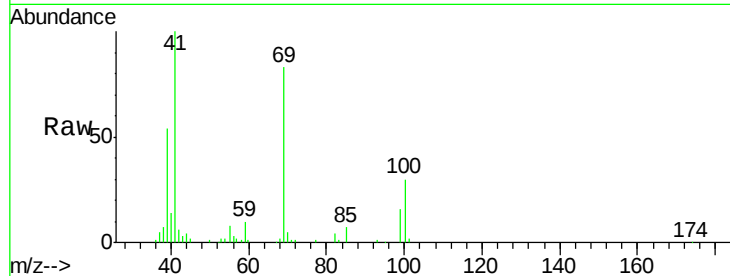
#47
Methvl methacrylate
Concen: 3.631 ug/l
RT: 6.99 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion	Ion	Ratio	Resp	Lower	Upper
69	100		48471		
41	118.5	0.0	241.6		
39	64.2	52.9	79.3		
100	35.1	29.1	43.7		

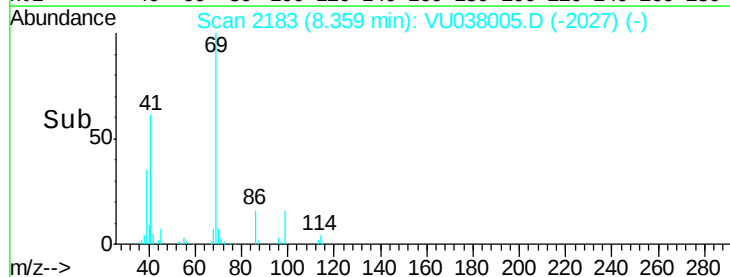
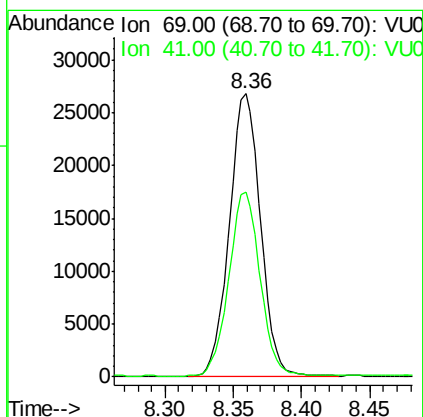
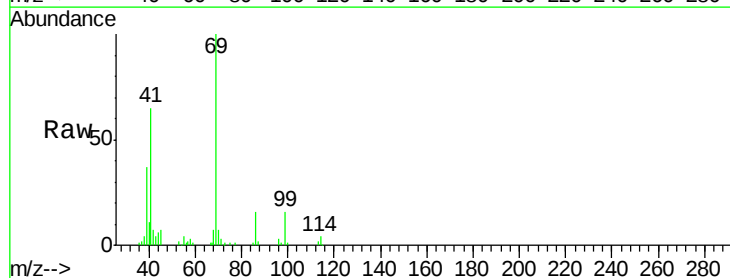
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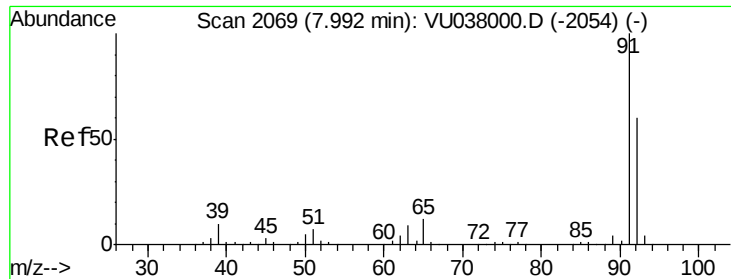
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#48
Ethyl methacrylate
Concen: 1.730 ug/l
RT: 8.36 min Scan# 2183
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		42747		
41	65.9	33.6	100.8		





#49

Toluene

Concen: 1.853 ug/l

RT: 7.99 min Scan# 2069

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampled :

VU0504WBS01

Tot Ion: 92 Resp: 122662

Ion Ratio Lower Upper

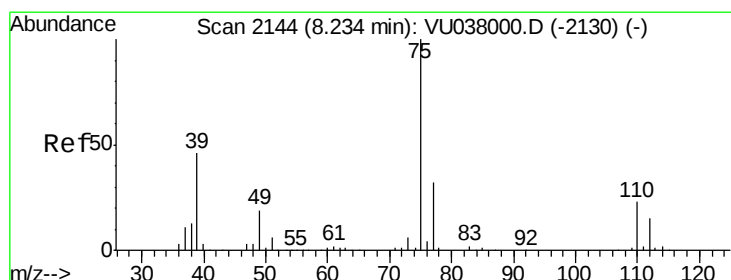
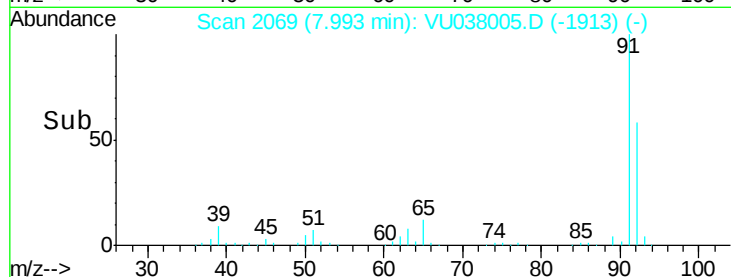
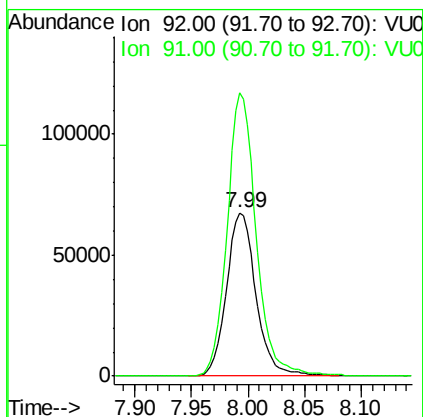
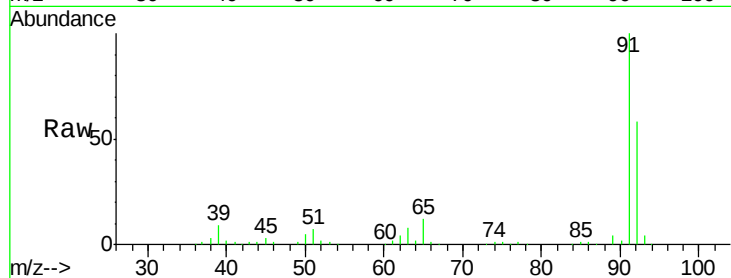
92 100

91 170.4 134.4 201.6

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#50

t-1,3-Dichloropropene

Concen: 1.715 ug/l

RT: 8.24 min Scan# 2145

Delta R.T. 0.00 min

Lab File: VU038005.D

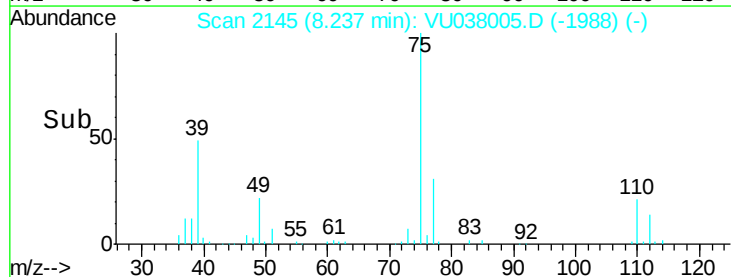
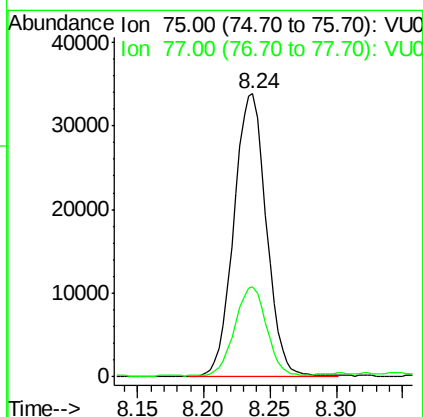
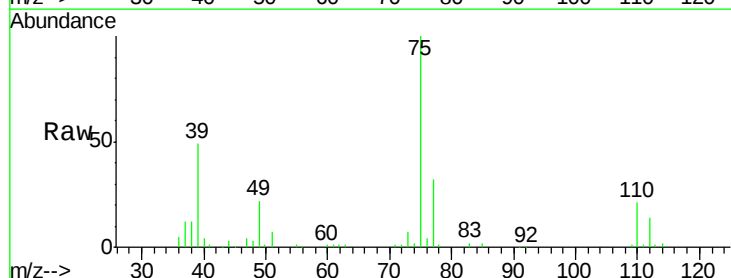
Acq: 04 May 2020 17:16

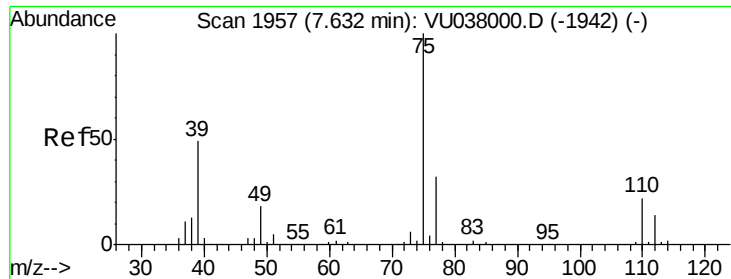
Tgt Ion: 75 Resp: 57782

Ion Ratio Lower Upper

75 100

77 31.3 25.8 38.8





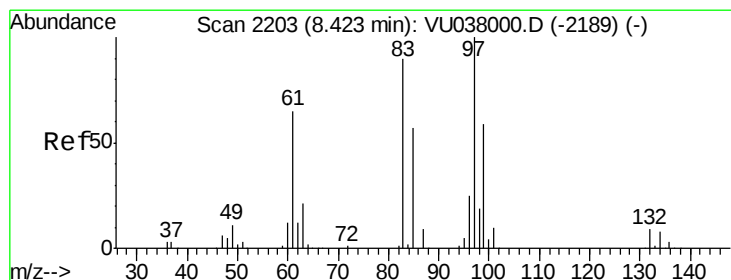
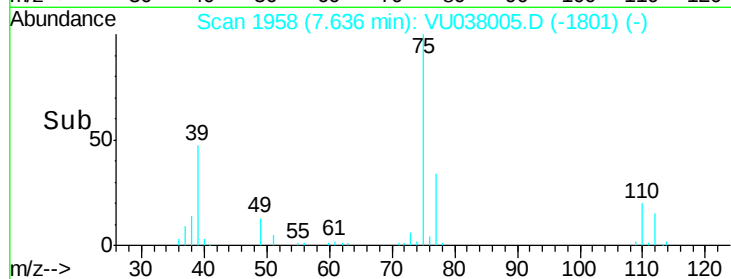
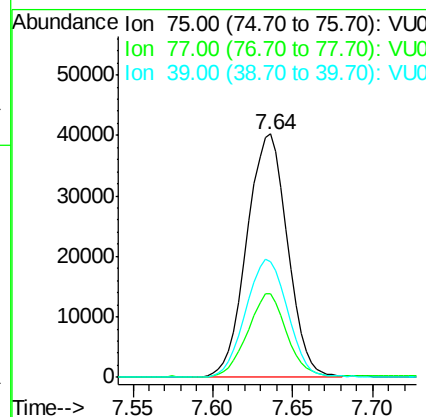
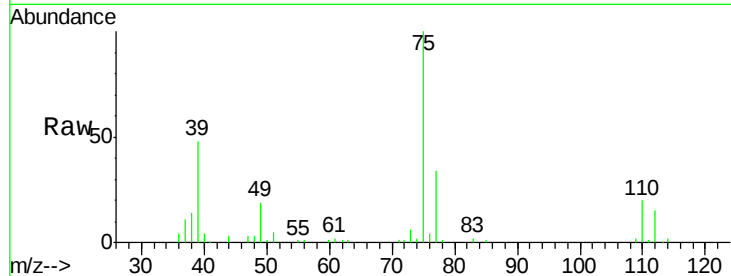
#51
 cis-1,3-Dichloropropene
 Concen: 1.731 ug/l
 RT: 7.64 min Scan# 1958
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampled :
 VU0504WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
77	34.1	25.5	38.3
39	47.3	39.0	58.4

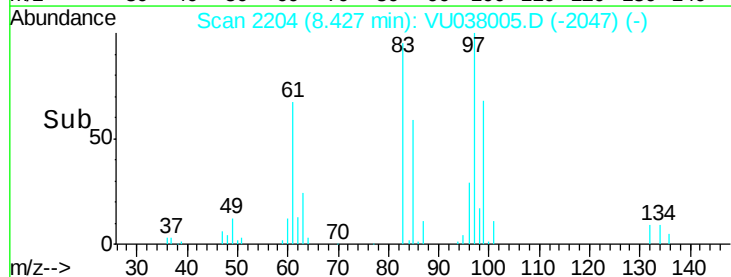
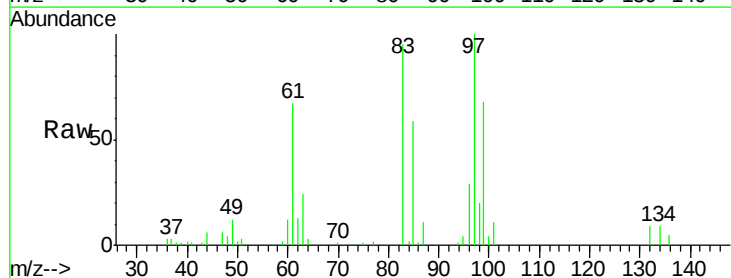
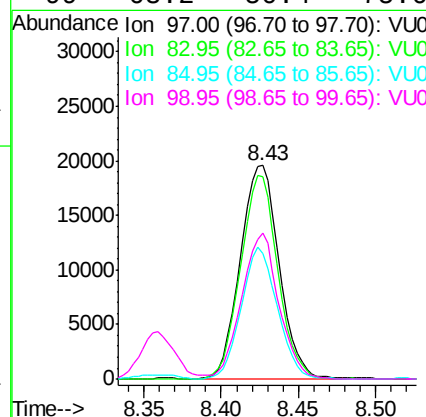
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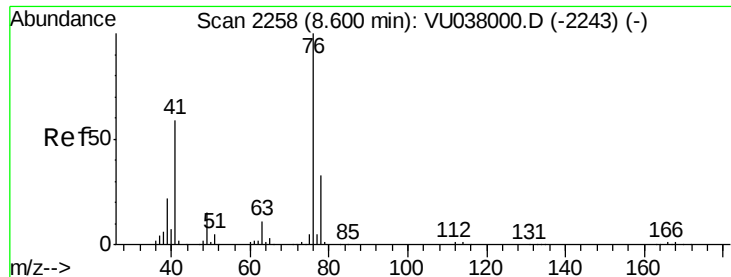
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#52
 1,1,2-Trichloroethane
 Concen: 1.843 ug/l
 RT: 8.43 min Scan# 2204
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
97	100		
83	94.6	72.4	108.6
85	58.9	46.0	69.0
99	68.2	50.4	75.6





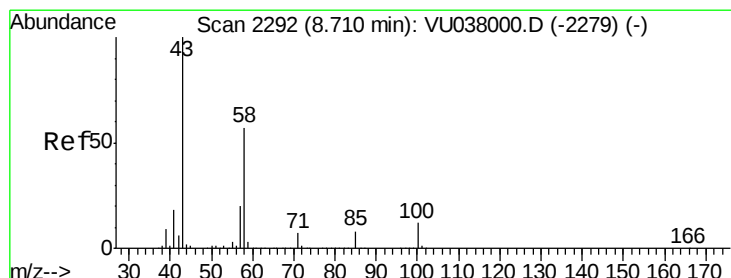
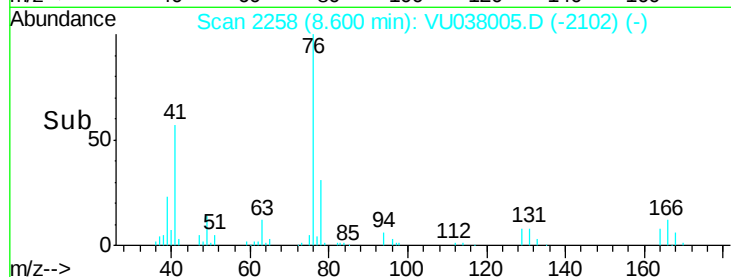
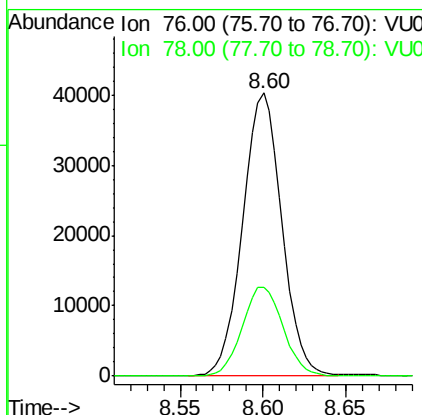
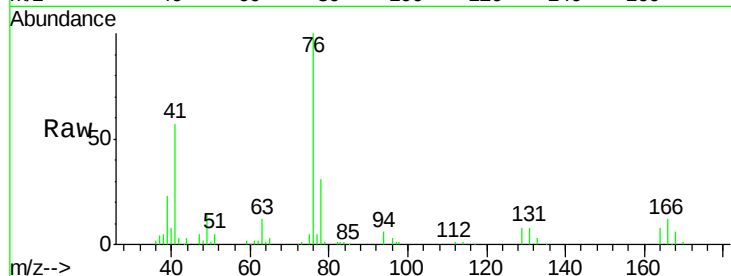
#53
 1,3-Dichloropropane
 Concen: 1.897 ug/l
 RT: 8.60 min Scan# 2258
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.7	25.8	38.6

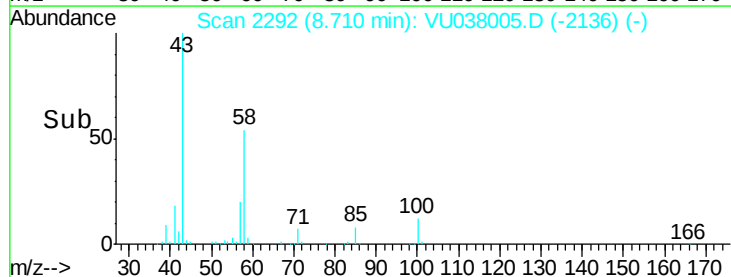
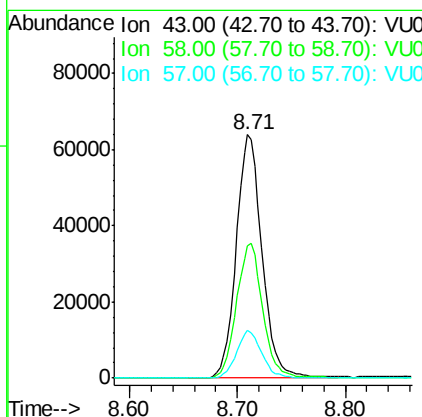
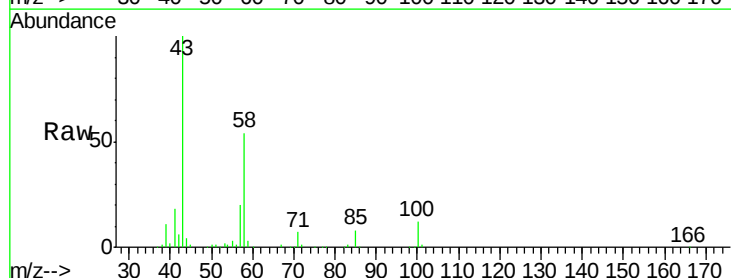
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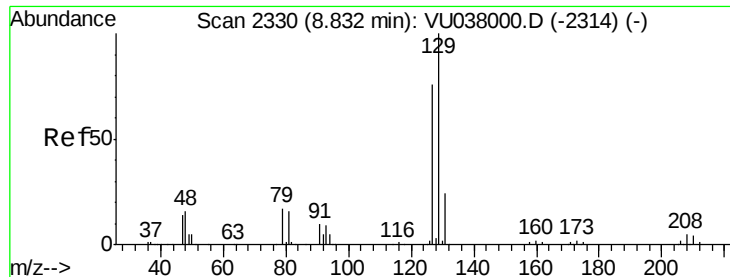
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#54
 2-Hexanone
 Concen: 8.414 ug/l
 RT: 8.71 min Scan# 2292
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
43	100		
58	56.4	36.5	76.5
57	19.3	0.0	39.5





#55

Dibromochloromethane

Concen: 1.783 ug/l

RT: 8.83 min Scan# 2331

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBS01

Tot Ion:129 Resp: 36726

Ion Ratio Lower Upper

129 100

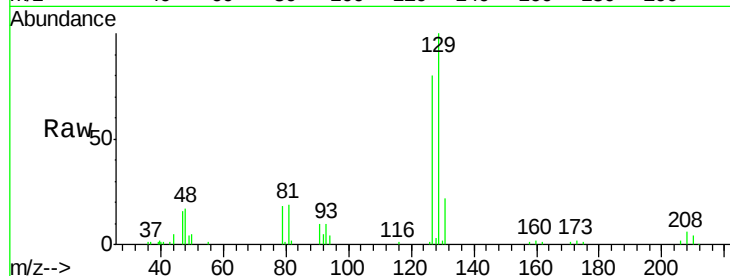
127 76.5 62.2 93.2

Manual Integrations

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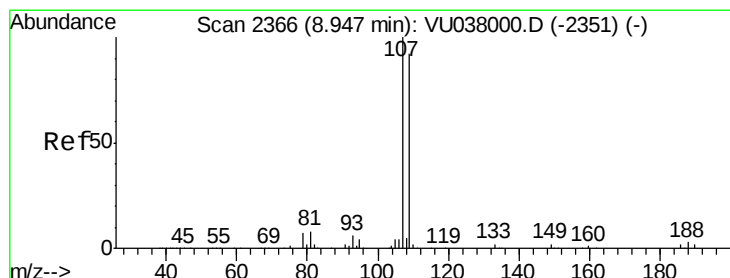
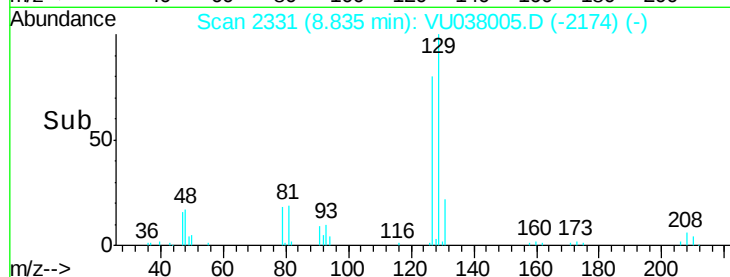
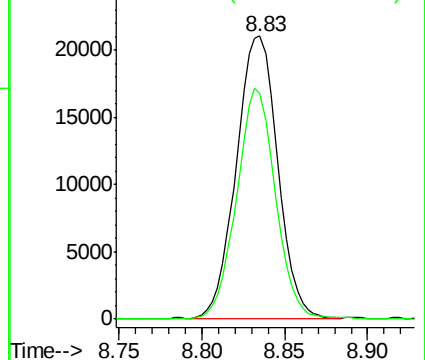
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Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#56

1,2-Dibromoethane

Concen: 1.811 ug/l

RT: 8.95 min Scan# 2366

Delta R.T. 0.00 min

Lab File: VU038005.D

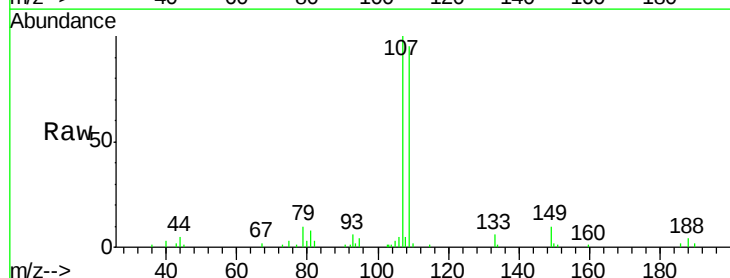
Acq: 04 May 2020 17:16

Tgt Ion:107 Resp: 31748

Ion Ratio Lower Upper

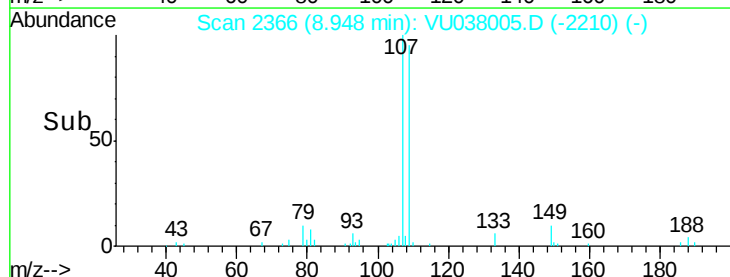
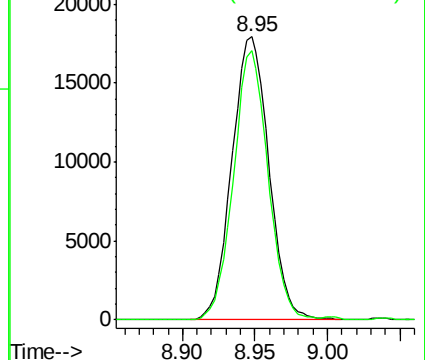
107 100

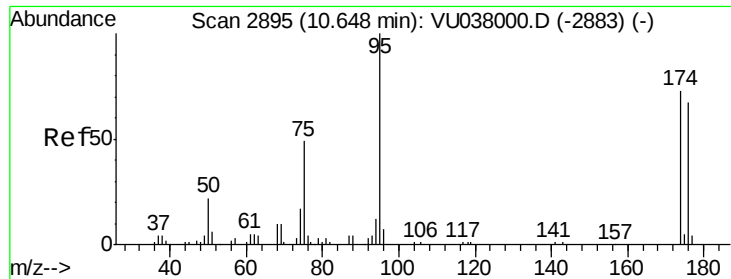
109 88.9 0.0 184.6



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V





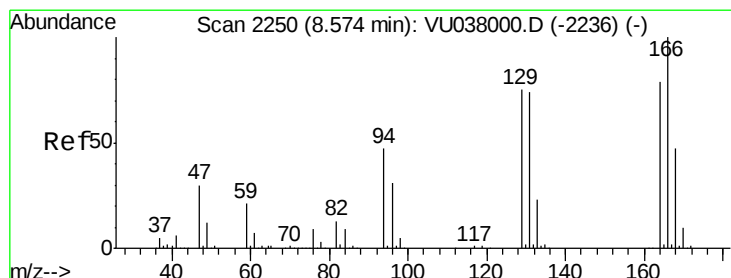
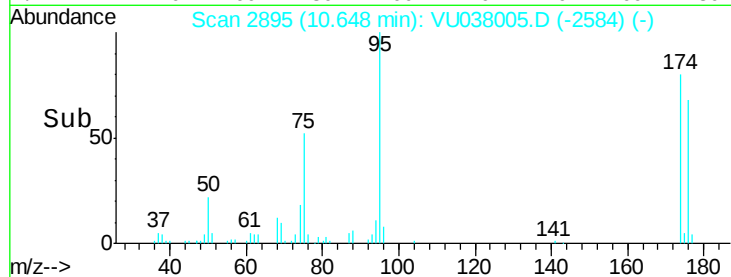
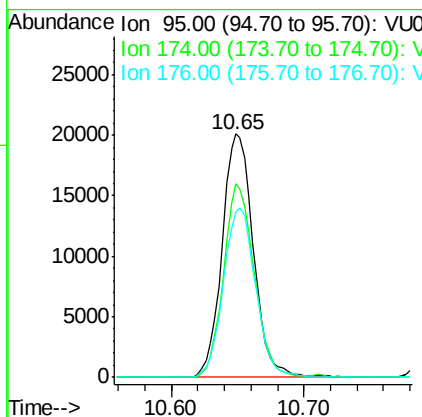
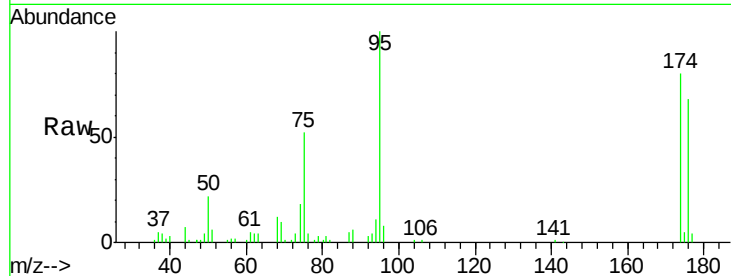
#57
4-Bromofluorobenzene
Concen: 0.953 ug/l
RT: 10.65 min Scan# 2895
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion	Ratio	Resp	Lower	Upper
95	100	32809		
174	78.1	61.2	91.8	
176	71.7	57.1	85.7	

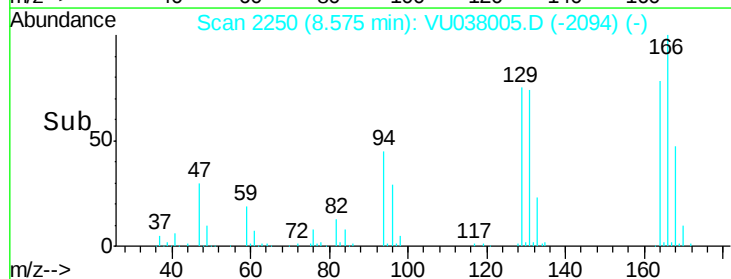
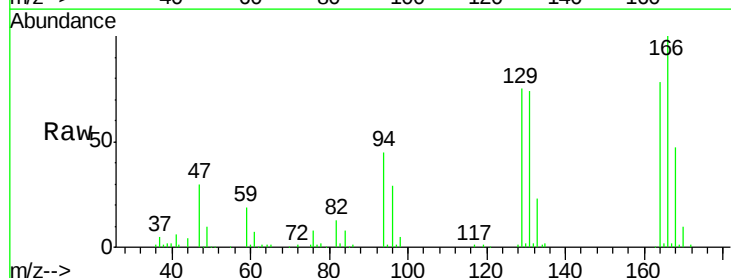
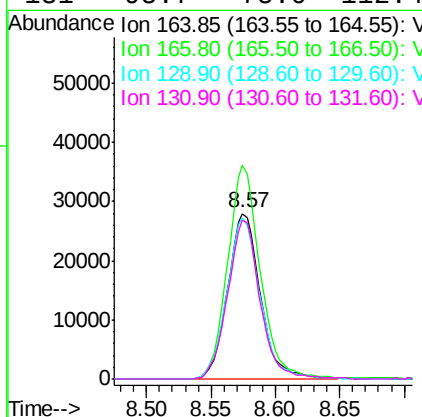
Manual Integrations
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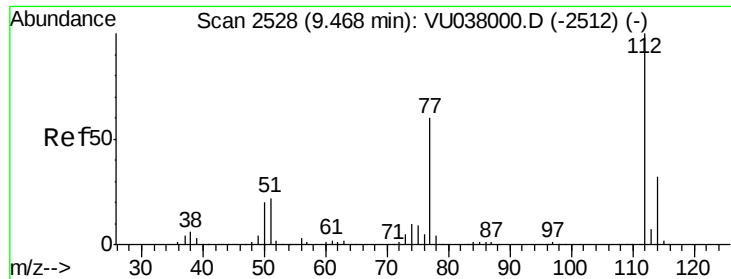
apatel
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#58
Tetrachloroethene
Concen: 1.919 ug/l
RT: 8.57 min Scan# 2250
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	49251		
166	128.9	101.5	152.3	
129	97.3	76.6	114.8	
131	95.7	75.0	112.4	





#59

Chlorobenzene

Concen: 1.862 ug/l

RT: 9.47 min Scan# 2528

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampled :

VU0504WBS01

Tot Ion:112 Resp: 130916

Ion Ratio Lower Upper

112 100

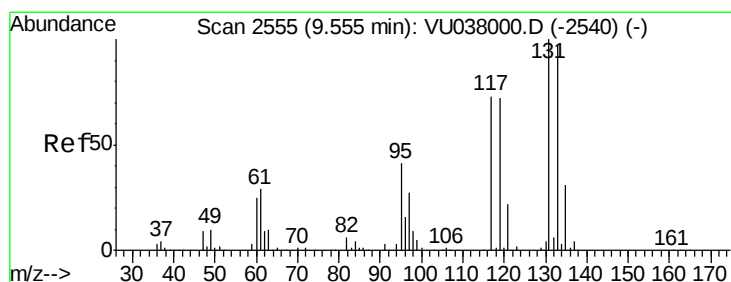
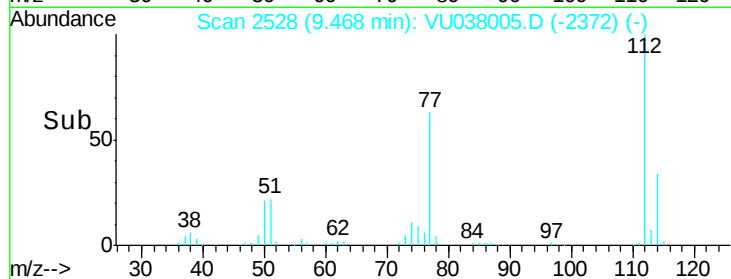
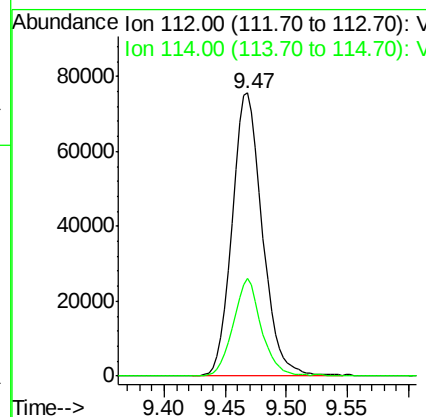
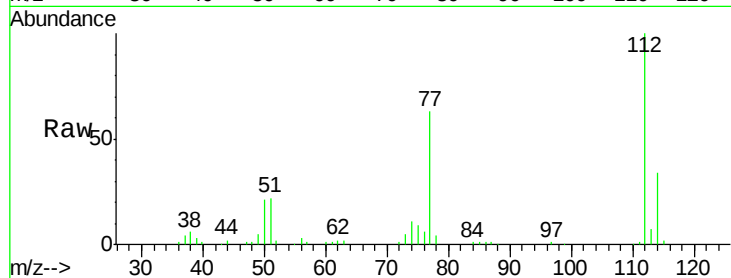
114 34.3 25.7 38.5

Manual Integrations

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#60

1,1,1,2-Tetrachloroethane

Concen: 1.793 ug/l

RT: 9.56 min Scan# 2555

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

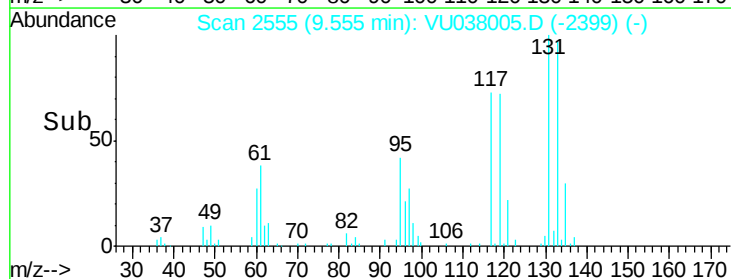
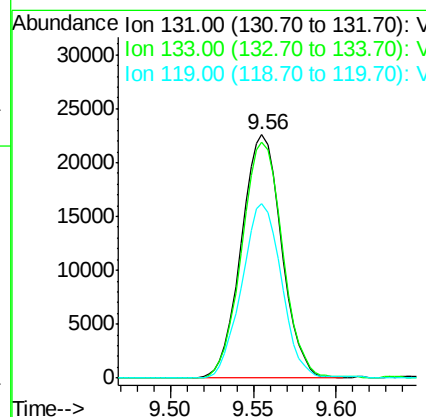
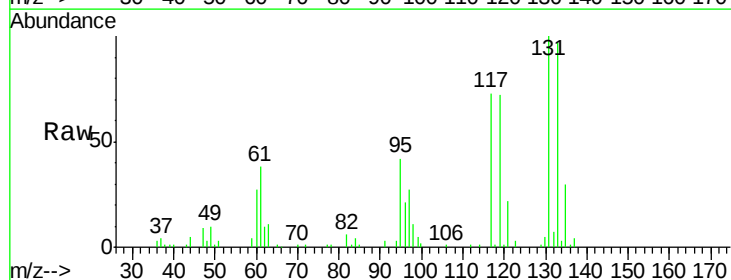
Tgt Ion:131 Resp: 38259

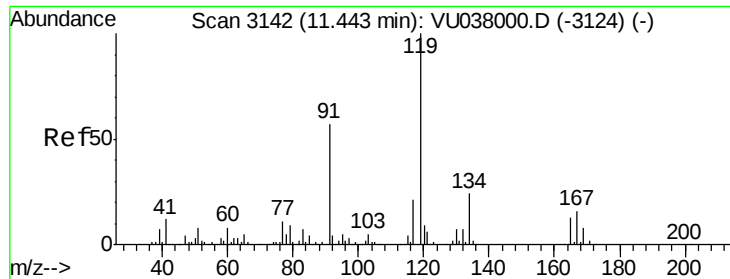
Ion Ratio Lower Upper

131 100

133 98.6 76.8 115.2

119 71.0 56.7 85.1





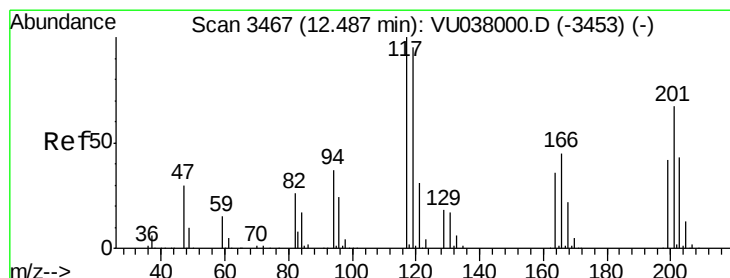
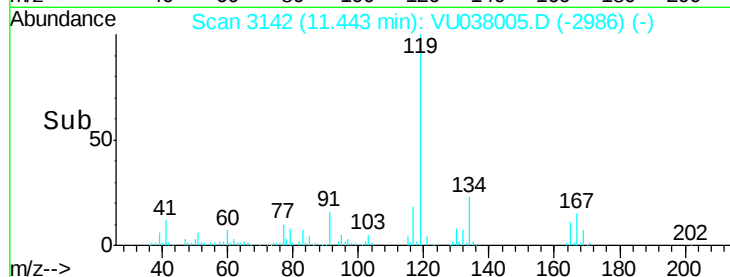
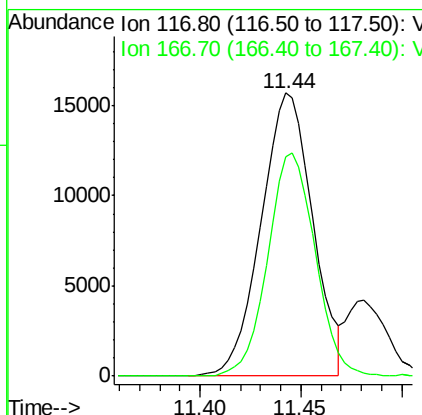
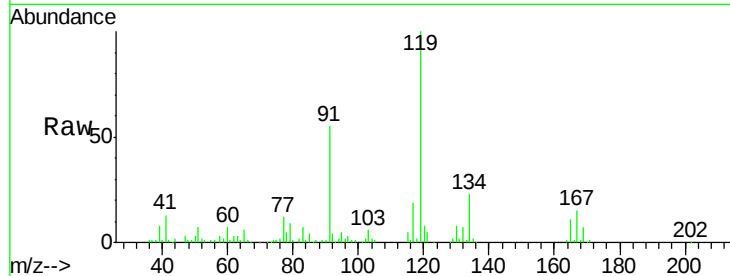
#61
 Pentachloroethane
 Concen: 1.743 ug/l
 RT: 11.44 min Scan# 3142
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

Tot Ion:117 Resp: 27871
 Ion Ratio Lower Upper
 117 100
 167 72.2 60.3 90.5

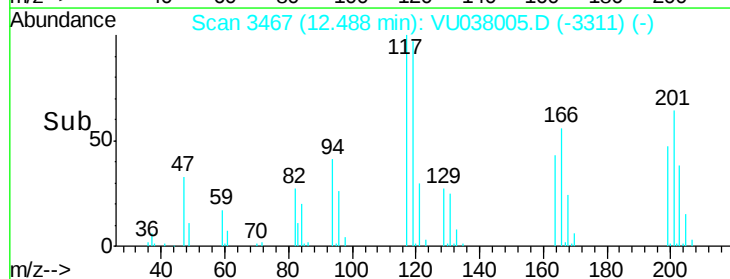
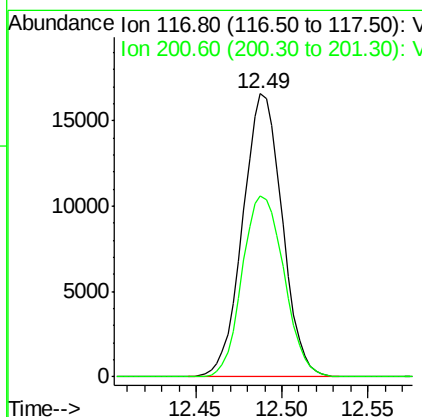
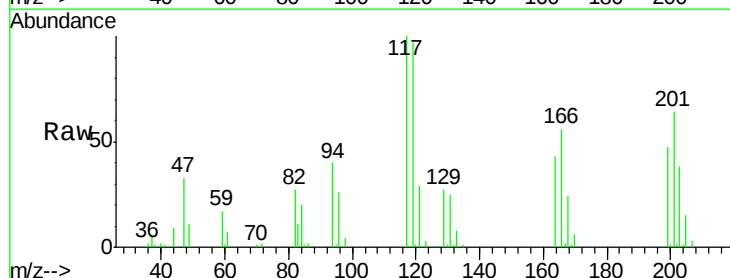
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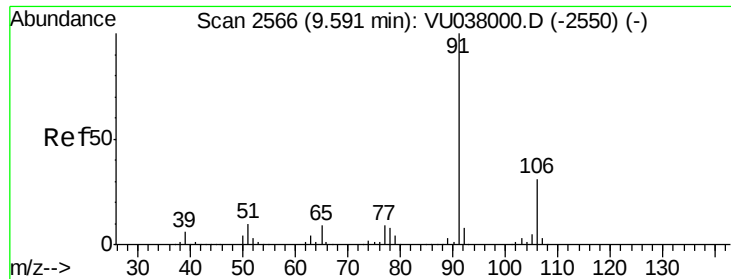
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#62
 Hexachloroethane
 Concen: 1.591 ug/l
 RT: 12.49 min Scan# 3467
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion:117 Resp: 26473
 Ion Ratio Lower Upper
 117 100
 201 67.6 54.7 82.1





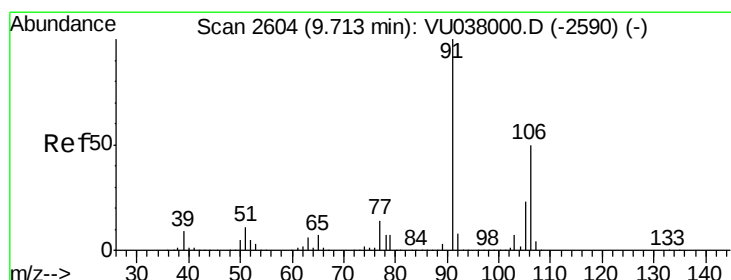
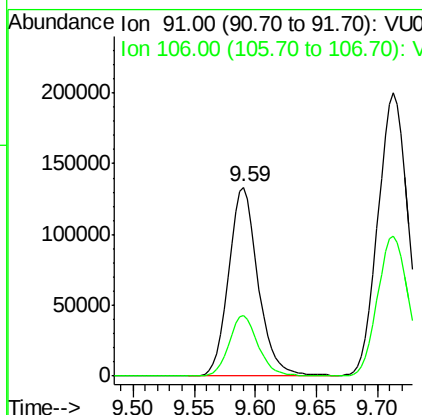
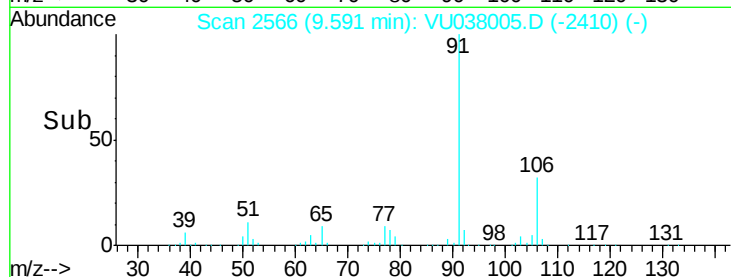
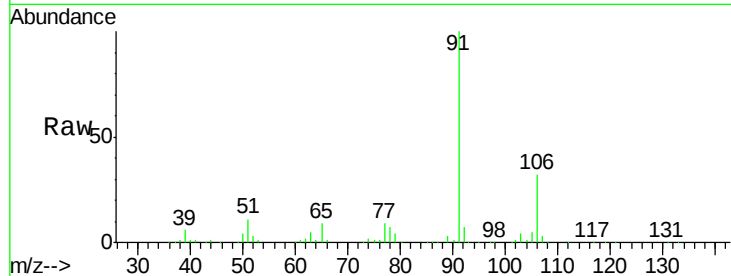
#63
Ethyl Benzene
Concen: 1.806 ug/l
RT: 9.59 min Scan# 2566
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion: 91 Resp: 225868
Ion Ratio Lower Upper
91 100
106 32.0 24.9 37.3

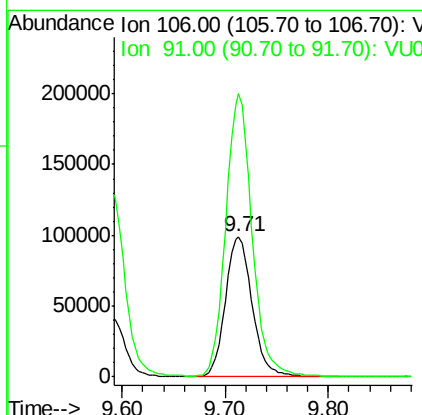
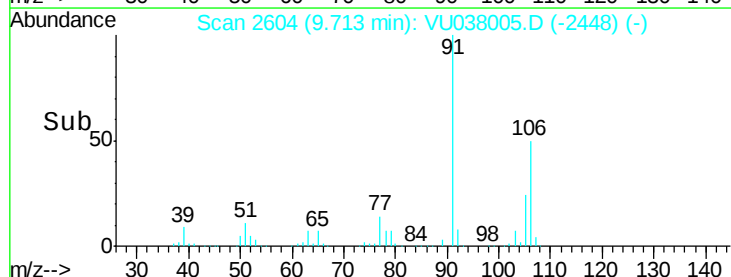
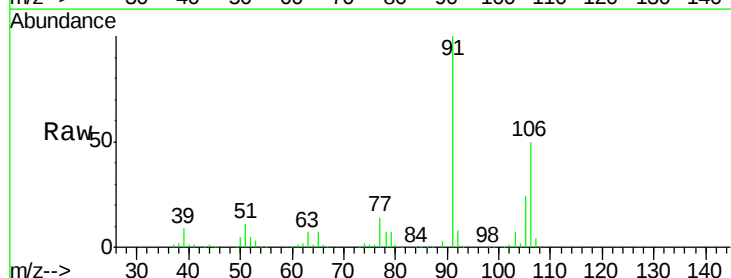
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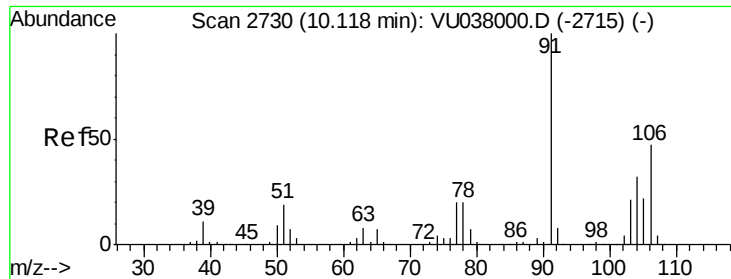
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#64
m/p-Xylenes
Concen: 3.706 ug/l
RT: 9.71 min Scan# 2604
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion: 106 Resp: 178399
Ion Ratio Lower Upper
106 100
91 198.2 159.5 239.3





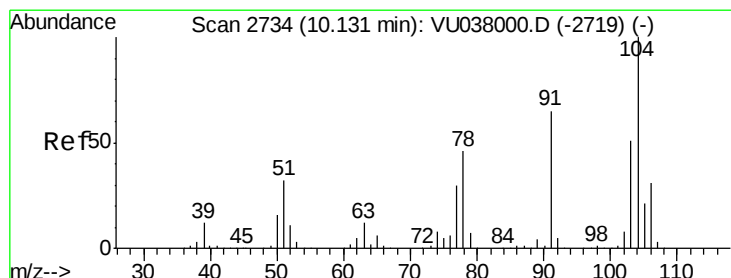
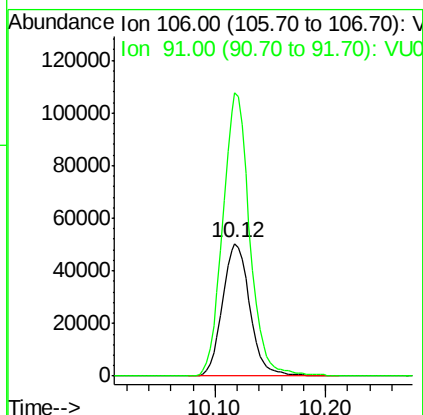
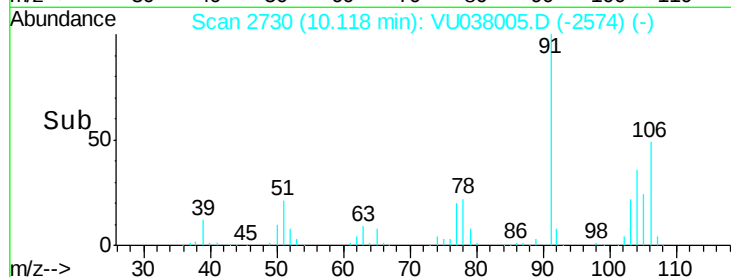
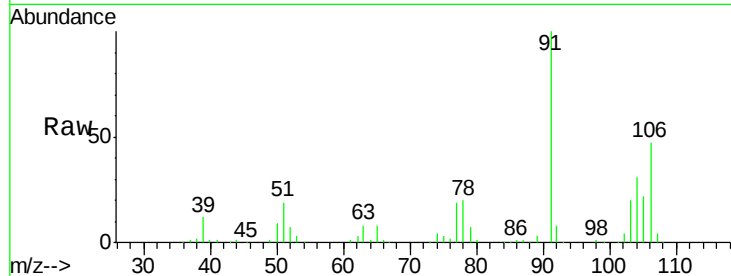
#65
o-Xylene
Concen: 1.853 ug/l
RT: 10.12 min Scan# 2730
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion:106 Resp: 86934
Ion Ratio Lower Upper
106 100
91 210.6 105.7 317.0

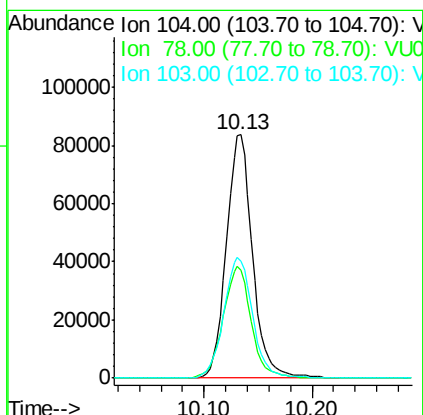
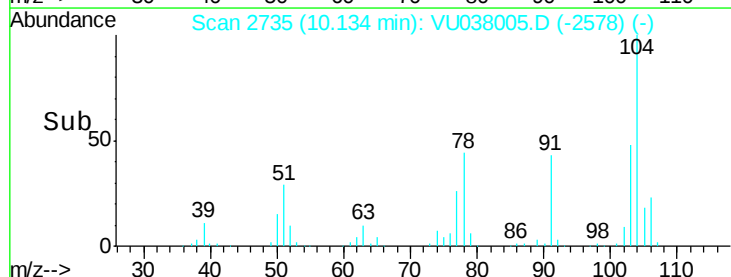
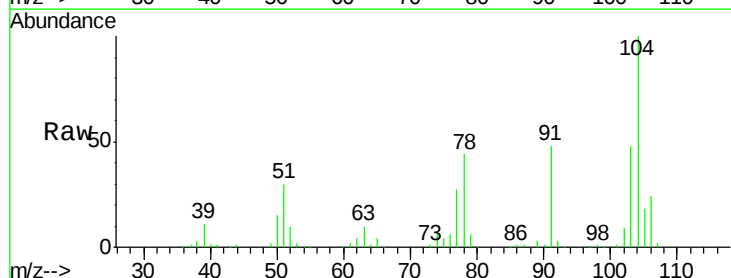
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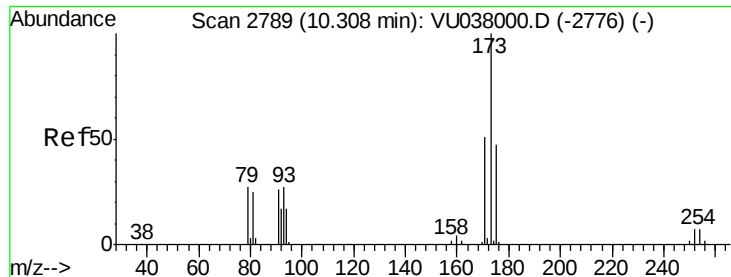
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#66
Styrene
Concen: 1.833 ug/l
RT: 10.13 min Scan# 2735
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion:104 Resp: 141740
Ion Ratio Lower Upper
104 100
78 48.9 39.9 59.9
103 54.3 43.4 65.2





#67

Bromoform

Concen: 1.659 ug/l

RT: 10.31 min Scan# 2789

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

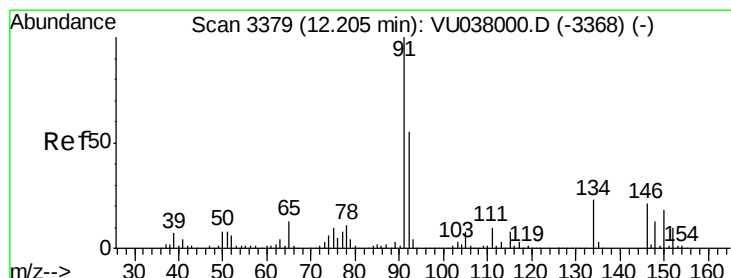
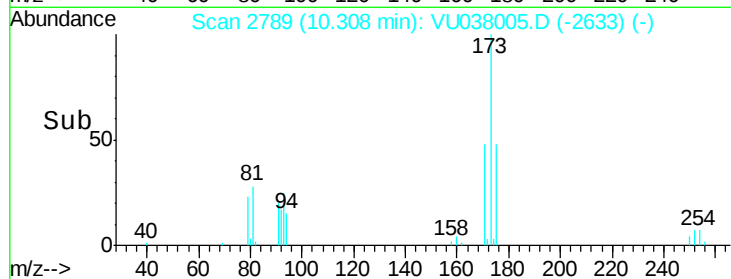
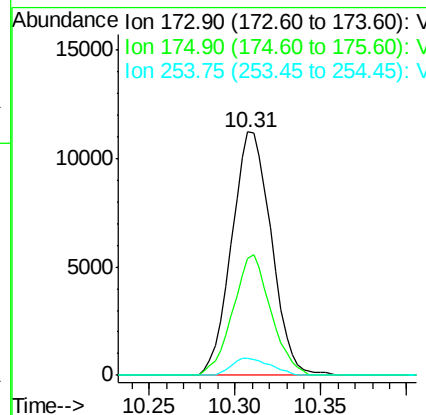
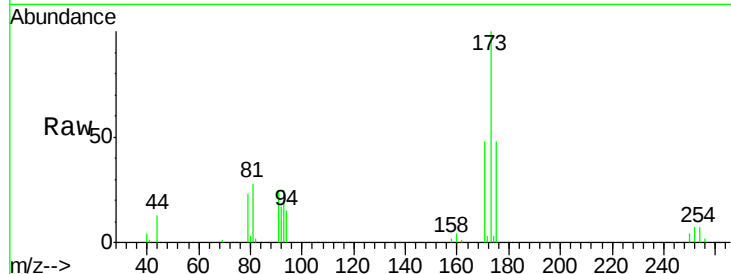
ClientSampleId :

VU0504WBS01

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.6	37.6	56.4
254	6.9	5.5	8.3

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#68

1,2-Dichlorobenzene-d4

Concen: 0.968 ug/l

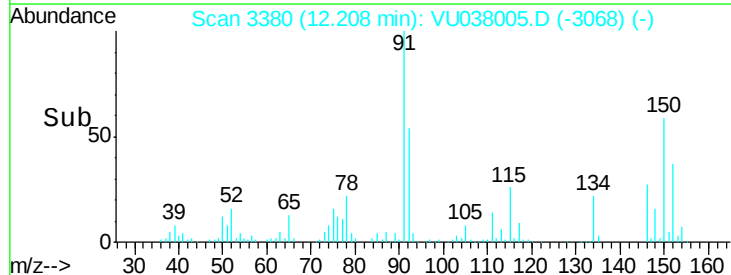
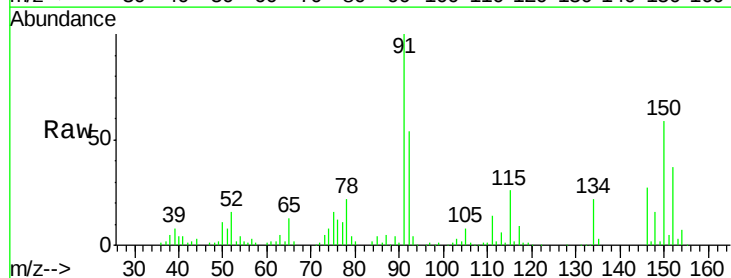
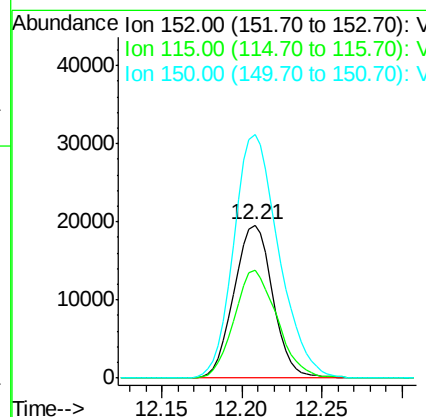
RT: 12.21 min Scan# 3380

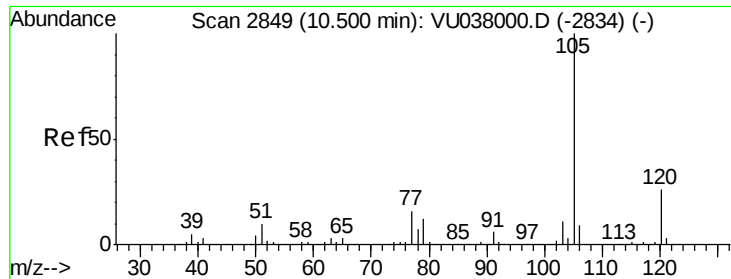
Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.4	0.0	261.0
150	185.0	0.0	650.2





#69

Isopropylbenzene

Concen: 1.860 ug/l

RT: 10.50 min Scan# 2849

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBS01

Tot Ion:105 Resp: 227959

Ion Ratio Lower Upper

105 100

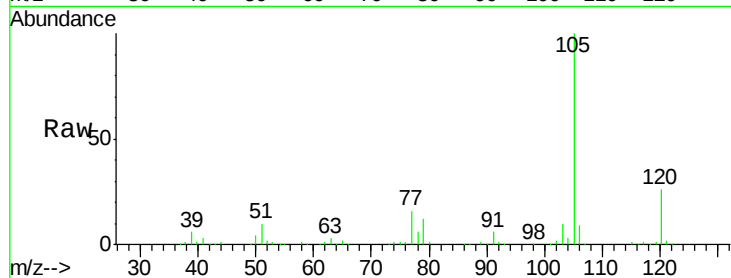
120 25.7 13.1 39.3

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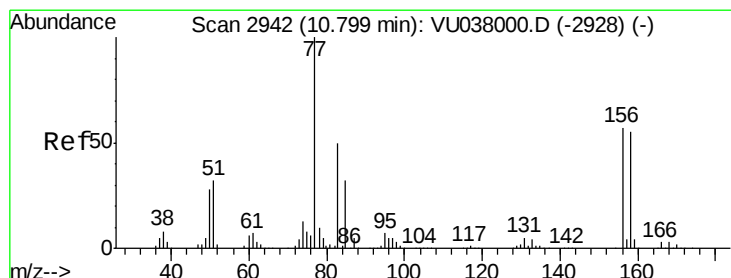
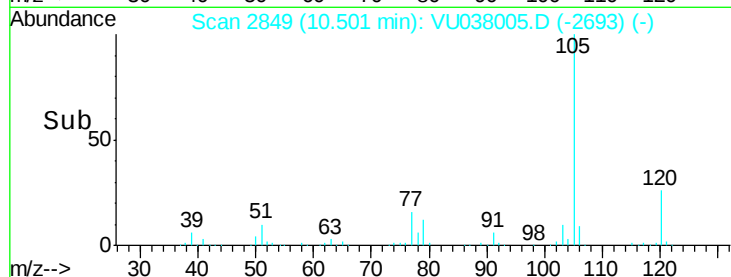
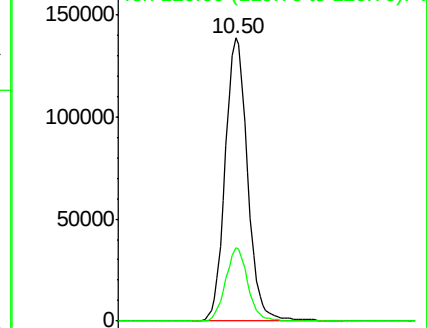
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#70

1,1,2,2-Tetrachloroethane

Concen: 1.723 ug/l

RT: 10.80 min Scan# 2942

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

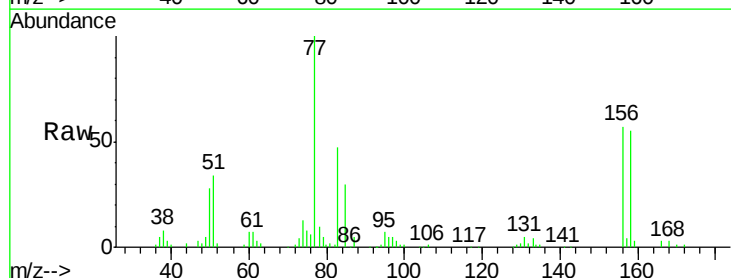
Tgt Ion: 83 Resp: 41046

Ion Ratio Lower Upper

83 100

131 9.6 7.2 10.8

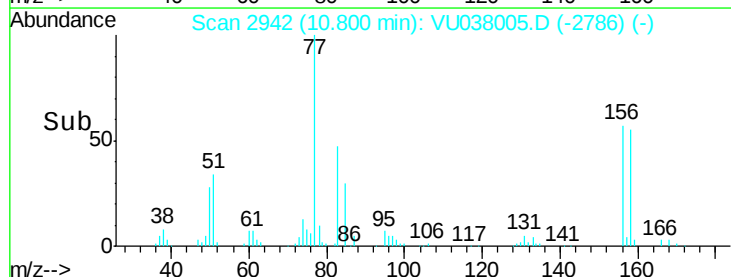
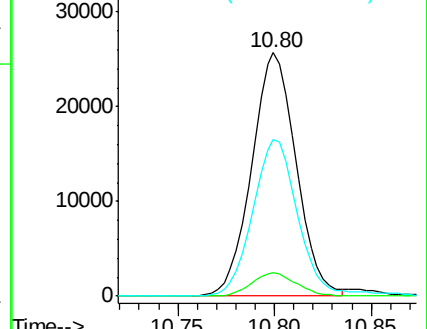
85 65.8 50.0 75.0

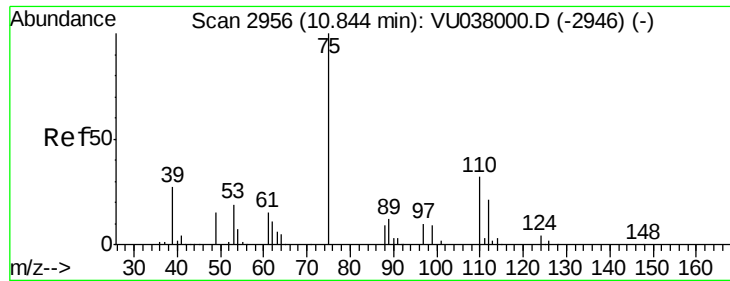


Abundance Ion 83.00 (82.70 to 83.70): VU0

Ion 131.00 (130.70 to 131.70): V

Ion 85.00 (84.70 to 85.70): VU0





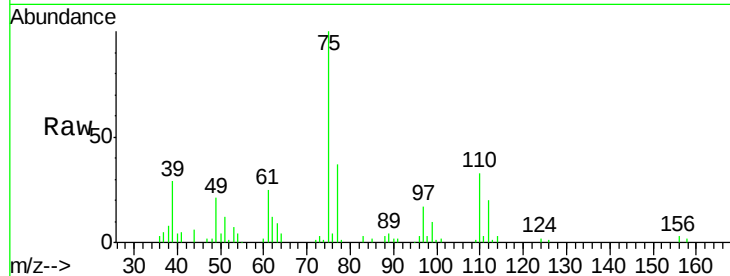
#71
 1,2,3-Trichloropropane
 Concen: 1.646 ug/l m
 RT: 10.84 min Scan# 2956
 Delta R.T. -0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

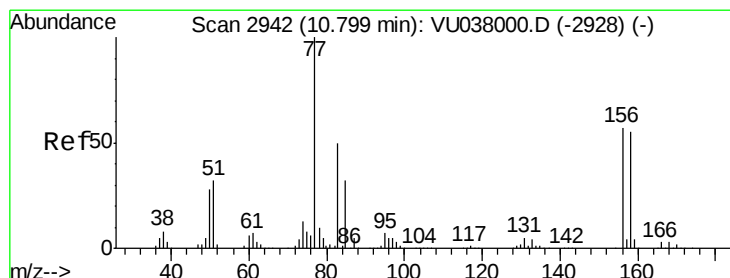
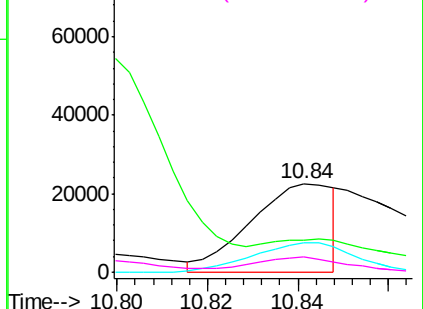
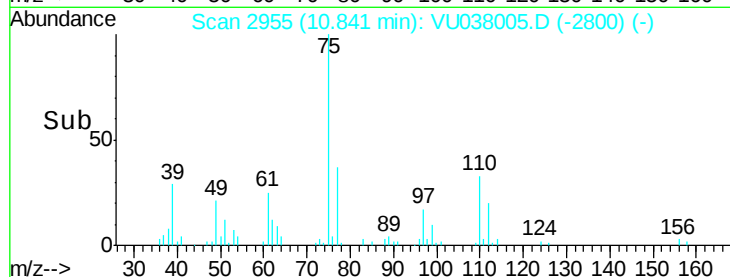
Tot Ion	Ion	Ratio	Lower	Upper
75	100			
77	0.0	0.0	108.6	
110	40.7	0.0	79.4	
97	19.8	0.0	40.4	

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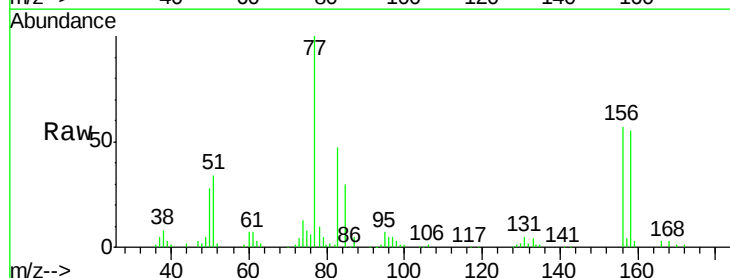


Abundance Ion 75.00 (74.70 to 75.70): VU038000.D (-2946) (-)
 Ion 77.00 (76.70 to 77.70): VU038000.D (-2946) (-)
 Ion 110.00 (109.70 to 110.70): VU038000.D (-2946) (-)
 Ion 97.00 (96.70 to 97.70): VU038000.D (-2946) (-)

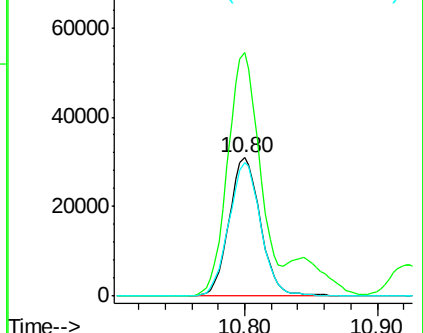
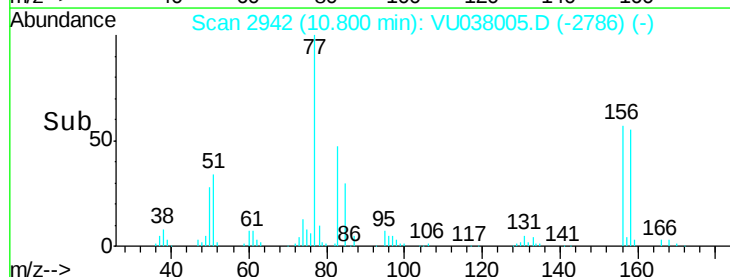


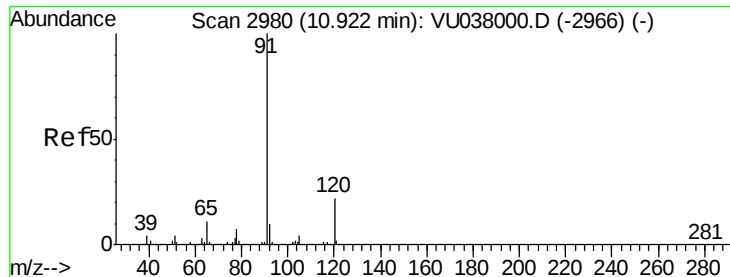
#72
 Bromobenzene
 Concen: 1.865 ug/l
 RT: 10.80 min Scan# 2942
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion	Ion	Ratio	Lower	Upper
156	100			
77	180.4	0.0	355.6	
158	97.7	0.0	194.0	



Abundance Ion 156.00 (155.70 to 156.70): VU038000.D (-2928) (-)
 Ion 77.00 (76.70 to 77.70): VU038000.D (-2928) (-)
 Ion 158.00 (157.70 to 158.70): VU038000.D (-2928) (-)





#73

n-propylbenzene

Concen: 1.885 ug/l

RT: 10.92 min Scan# 2980

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampleId :

VU0504WBS01

Tot Ion:120 Resp: 63368

Ion Ratio Lower Upper

120 100

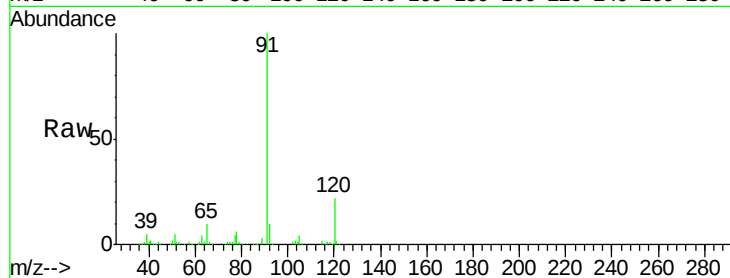
91 436.3 355.4 533.0

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Abundance Ion 120.00 (119.70 to 120.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

150000

100000

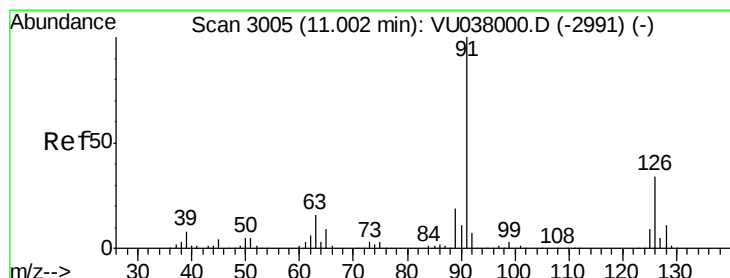
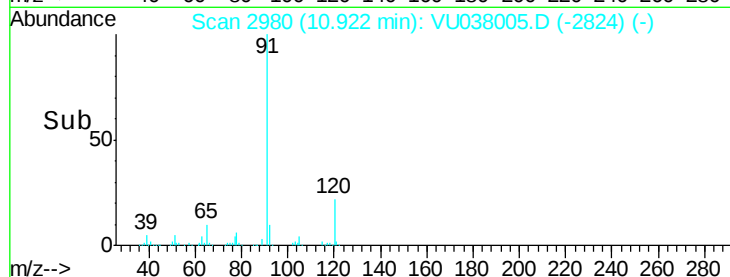
50000

0

10.92

11.00

Time-->



#74

2-Chlorotoluene

Concen: 1.876 ug/l

RT: 11.00 min Scan# 3005

Delta R.T. 0.00 min

Lab File: VU038005.D

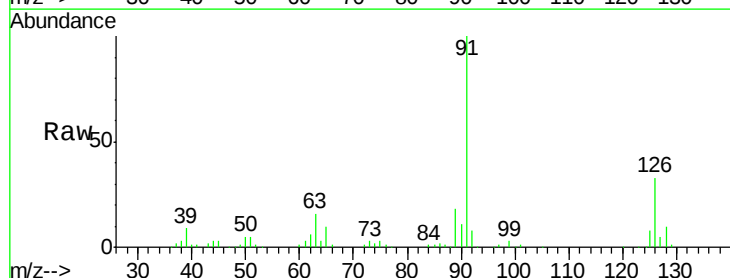
Acq: 04 May 2020 17:16

Tgt Ion:126 Resp: 52959

Ion Ratio Lower Upper

126 100

91 307.6 0.0 625.8



Abundance Ion 126.00 (125.70 to 126.70): V

Ion 91.00 (90.70 to 91.70): VU0

200000

150000

100000

50000

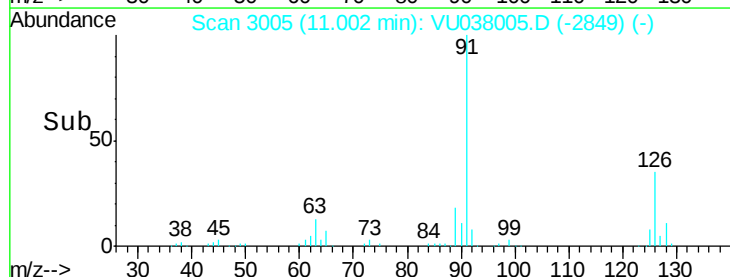
0

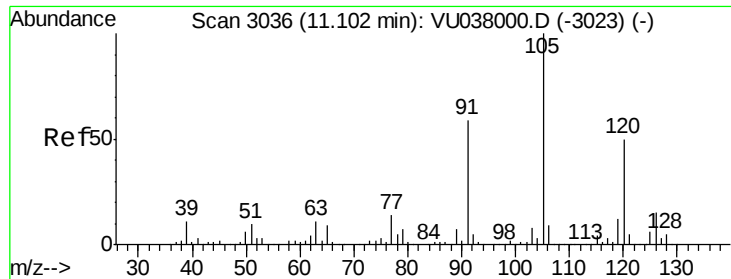
11.00

11.05

11.10

Time-->





#75

1,3,5-Trimethylbenzene

Concen: 1.834 ug/l

RT: 11.10 min Scan# 3036

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampled :

VU0504WBS01

Tot Ion:105 Resp: 185983

Ion Ratio Lower Upper

105 100

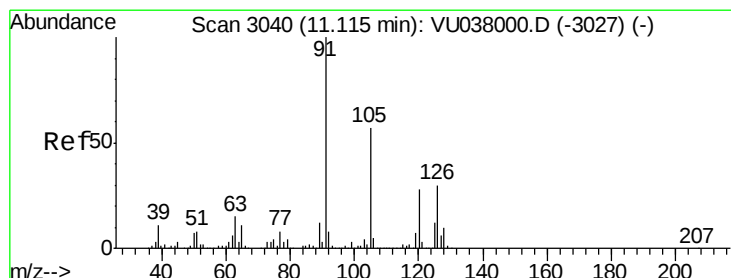
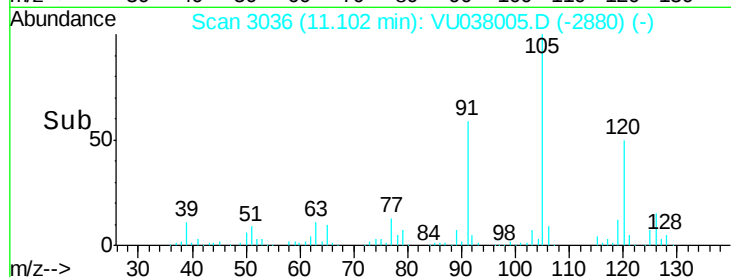
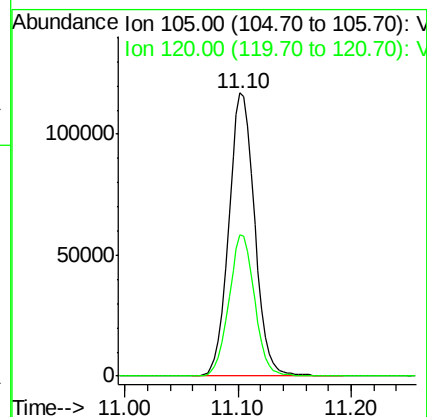
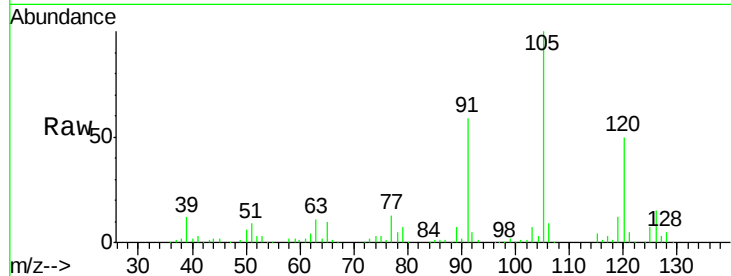
120 49.5 39.8 59.6

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#76

4-Chlorotoluene

Concen: 1.841 ug/l

RT: 11.11 min Scan# 3040

Delta R.T. 0.00 min

Lab File: VU038005.D

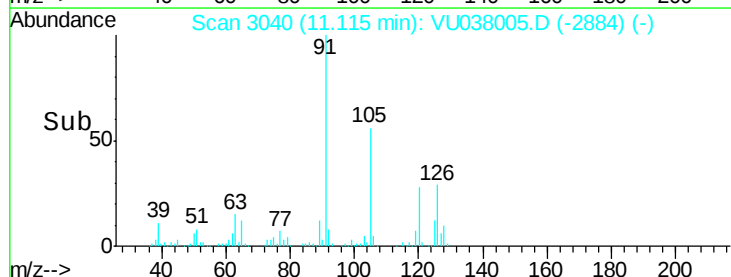
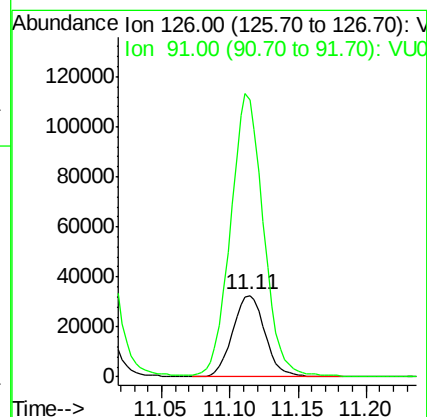
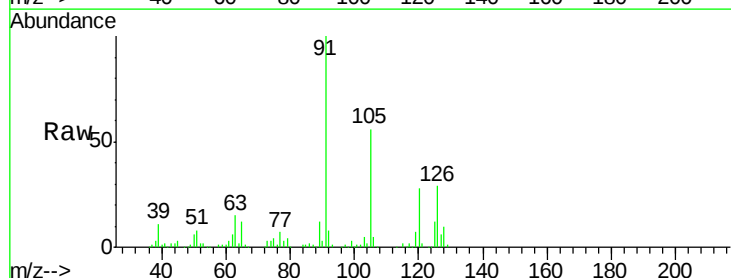
Acq: 04 May 2020 17:16

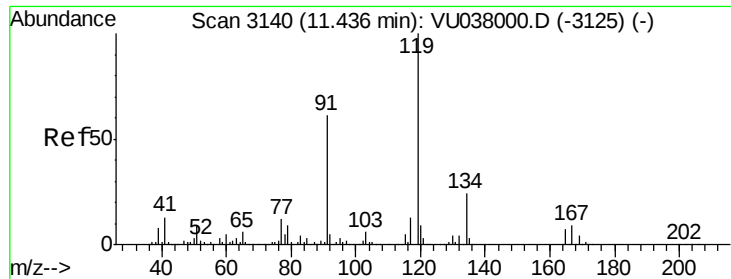
Tgt Ion:126 Resp: 53962

Ion Ratio Lower Upper

126 100

91 352.9 0.0 698.6





#77

tert-Butylbenzene

Concen: 1.826 ug/l

RT: 11.44 min Scan# 3140

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

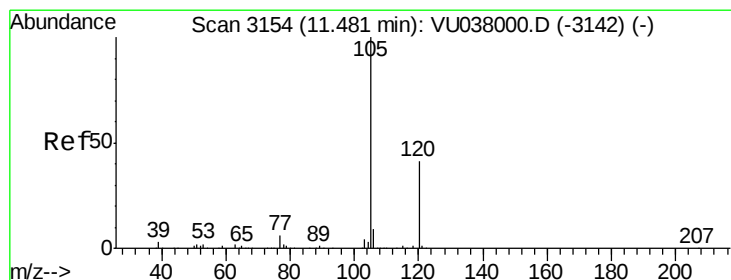
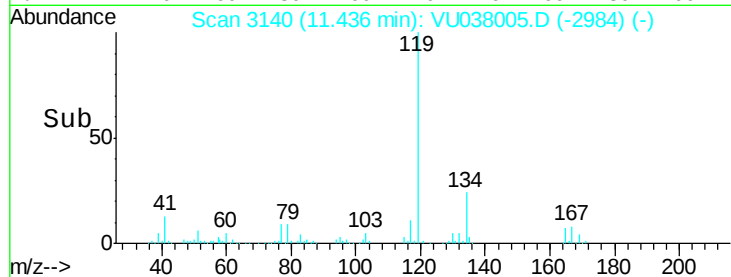
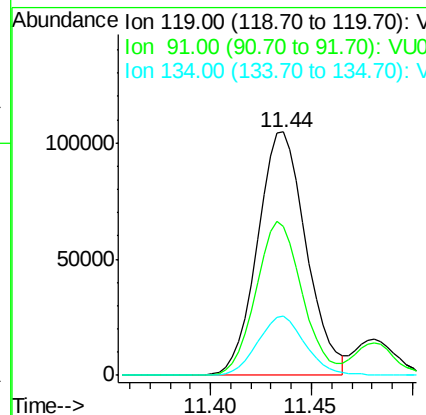
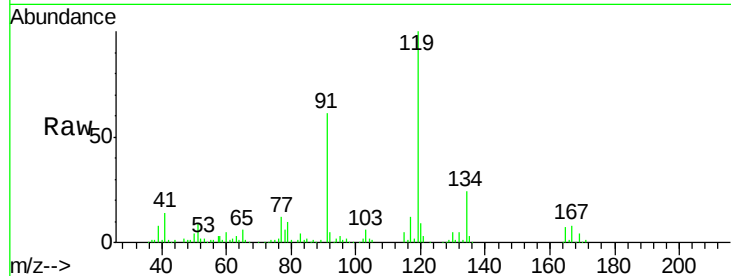
ClientSampled :

VU0504WBS01

Tot Ion:	119	Resp:	176269
Ion Ratio	Lower	Upper	
119	100		
91	60.0	30.1	90.5
134	23.9	19.0	28.6

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#78

1,2,4-Trimethylbenzene

Concen: 1.825 ug/l

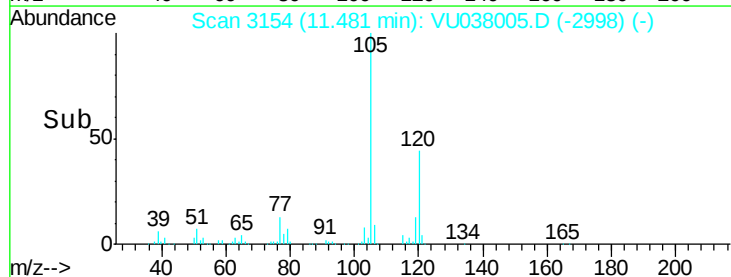
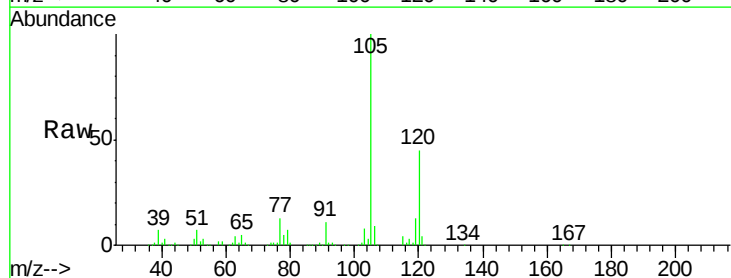
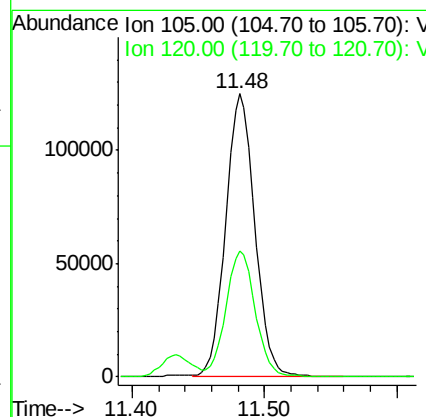
RT: 11.48 min Scan# 3154

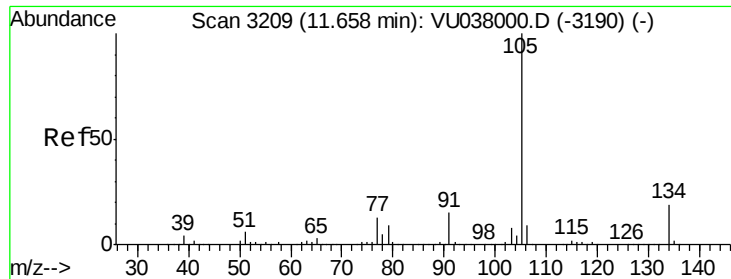
Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Tgt Ion:	105	Resp:	190600
Ion Ratio	Lower	Upper	
105	100		
120	44.9	23.4	70.0





#79

sec-Butylbenzene

Concen: 1.830 ug/l

RT: 11.66 min Scan# 3209

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

Instrument :

MSVOA_U

ClientSampled :

VU0504WBS01

Tot Ion:105 Resp: 253075

Ion Ratio Lower Upper

105 100

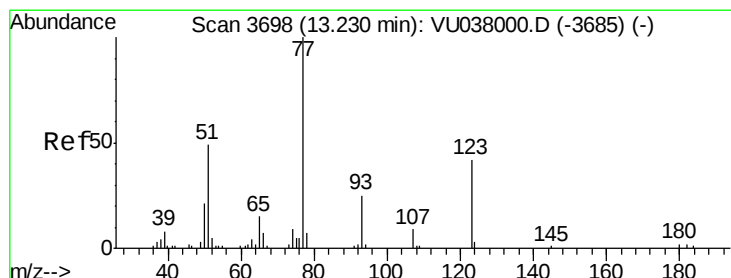
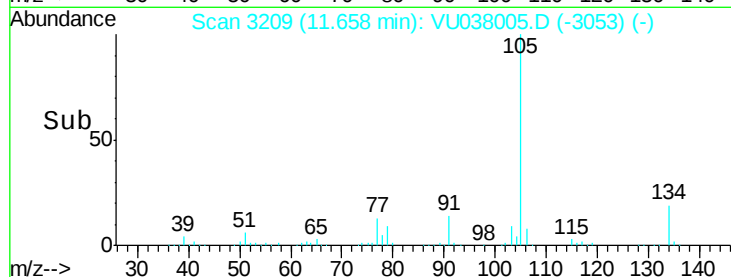
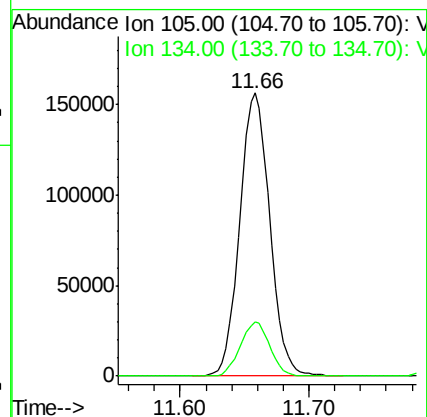
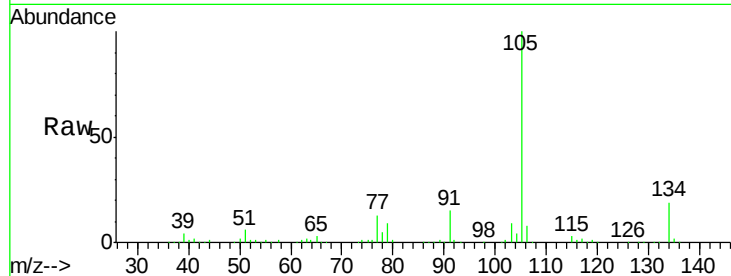
134 18.9 15.4 23.0

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#80

Nitrobenzene

Concen: 6.540 ug/l

RT: 13.23 min Scan# 3698

Delta R.T. 0.00 min

Lab File: VU038005.D

Acq: 04 May 2020 17:16

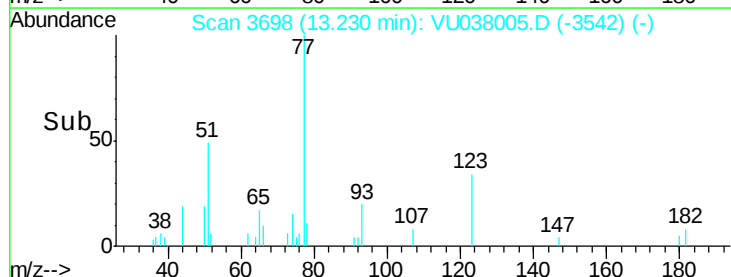
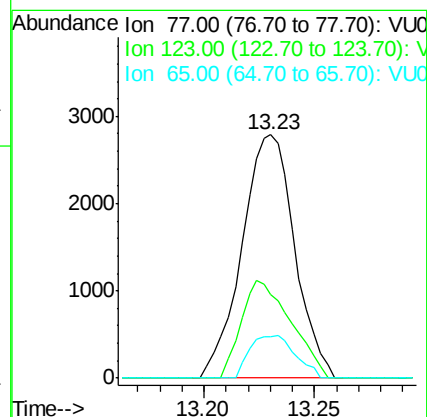
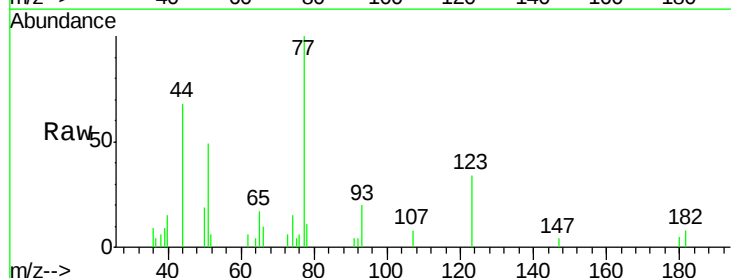
Tgt Ion: 77 Resp: 4619

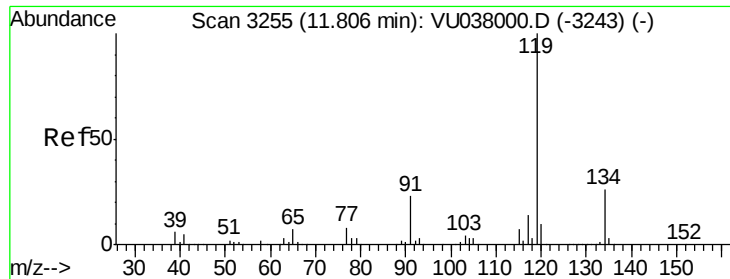
Ion Ratio Lower Upper

77 100

123 37.8 17.6 62.6

65 15.2 13.2 16.8





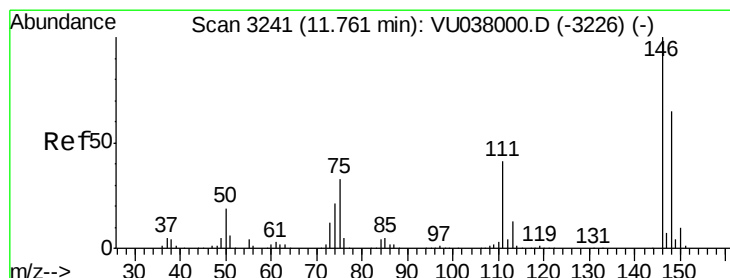
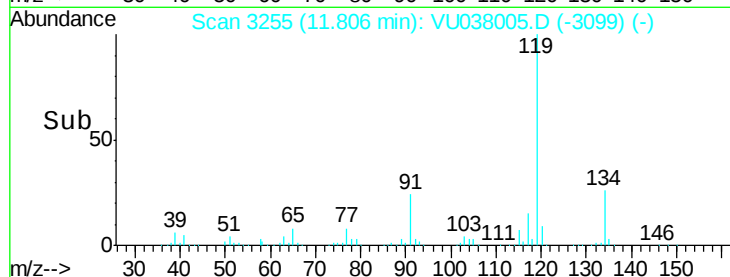
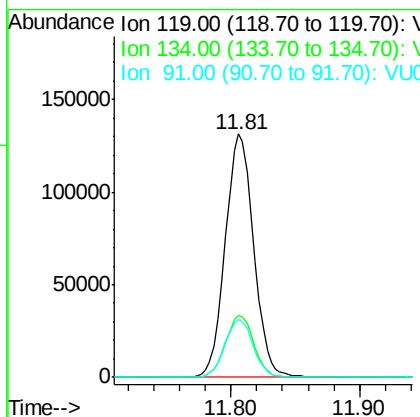
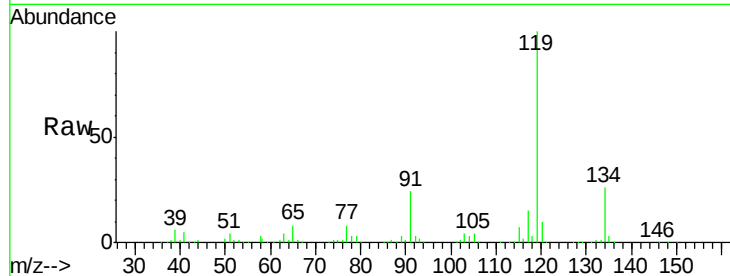
#81
 p-Isopropyltoluene
 Concen: 1.795 ug/l
 RT: 11.81 min Scan# 3255
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampled :
 VU0504WBS01

Tot Ion	Ratio	Lower	Upper
119	100		
134	25.5	20.6	31.0
91	24.1	18.6	28.0

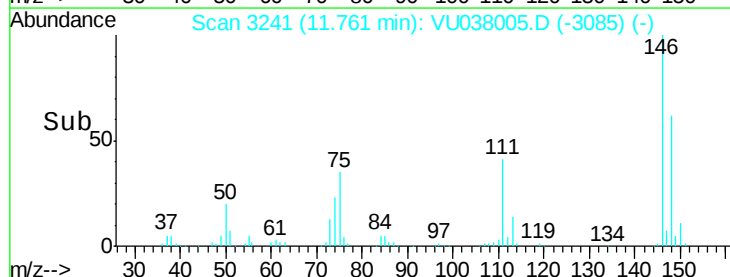
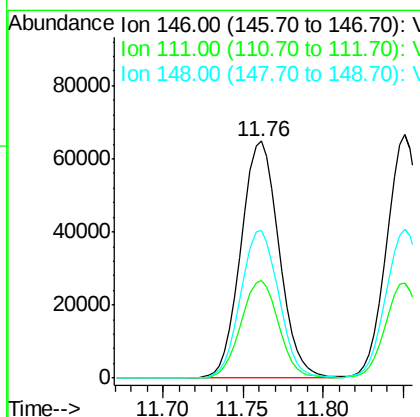
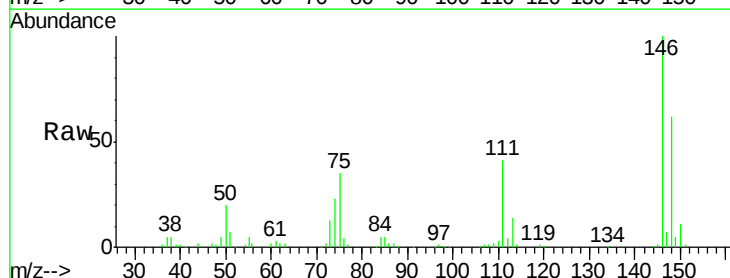
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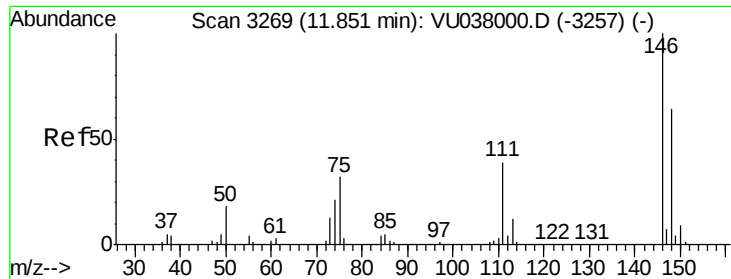
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#82
 1,3-Dichlorobenzene
 Concen: 1.862 ug/l
 RT: 11.76 min Scan# 3241
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.8	33.0	49.4
148	62.3	51.4	77.2





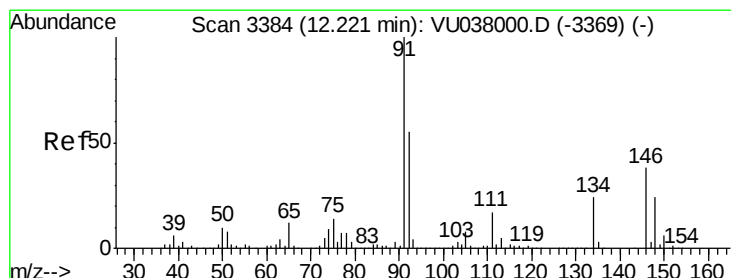
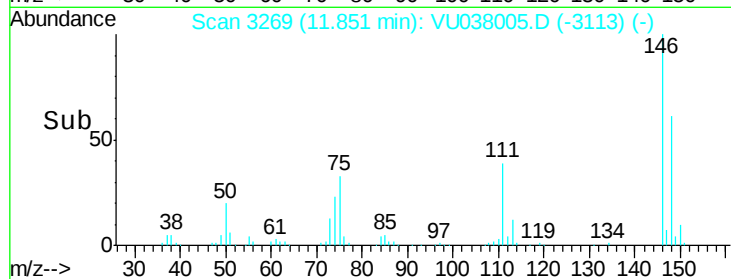
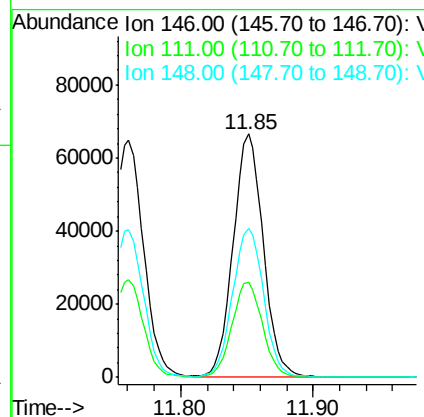
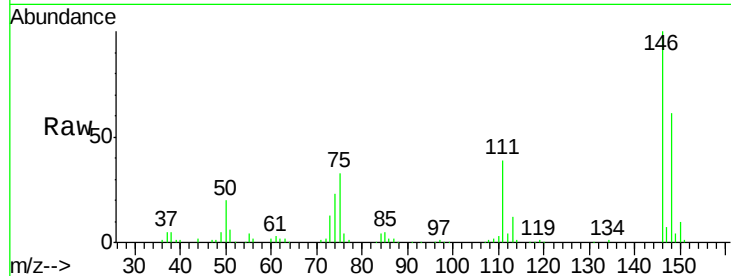
#83
 1,4-Dichlorobenzene
 Concen: 1.841 ug/l
 RT: 11.85 min Scan# 3269
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	31.8	47.6
148	63.0	51.2	76.8

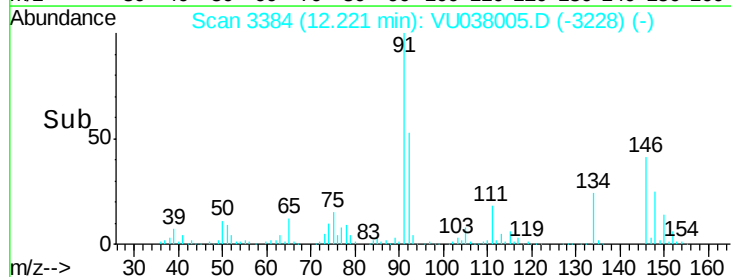
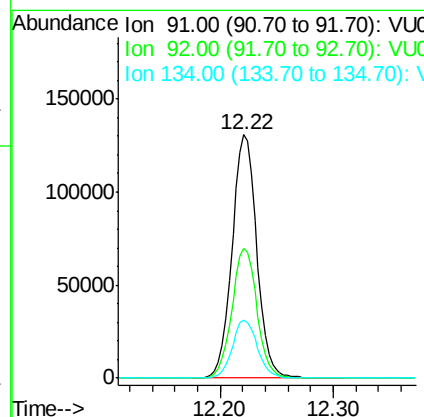
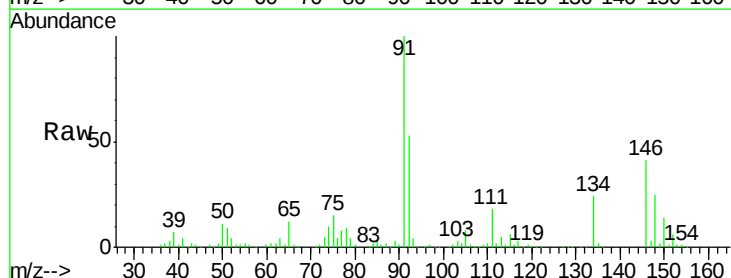
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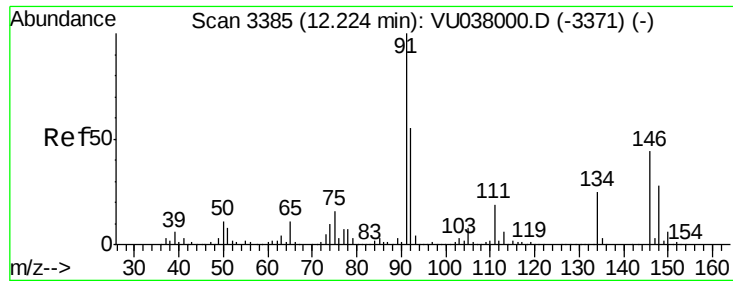
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#84
 n-Butylbenzene
 Concen: 1.779 ug/l
 RT: 12.22 min Scan# 3384
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
91	100		
92	54.1	43.8	65.6
134	24.0	19.4	29.2





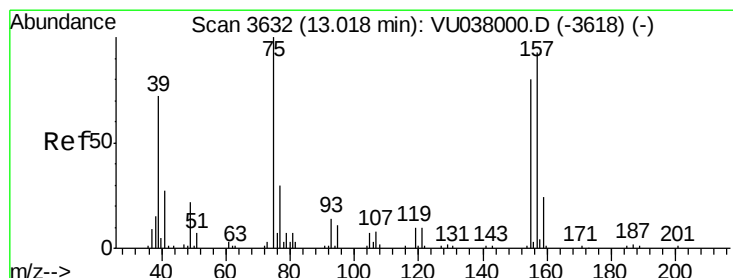
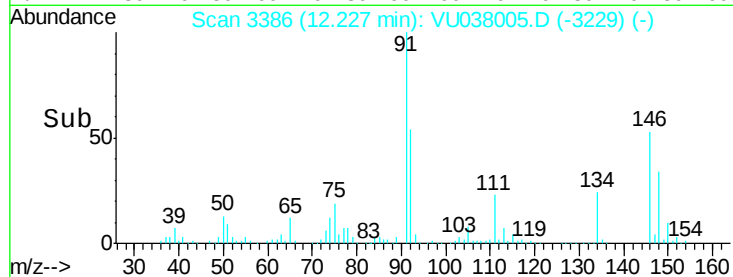
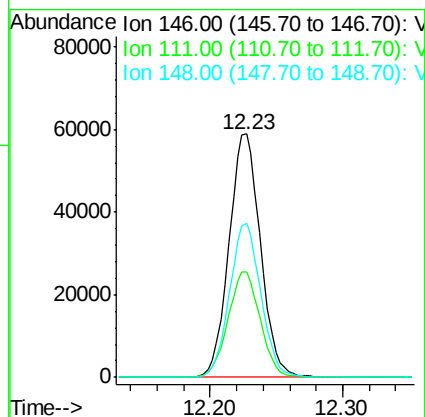
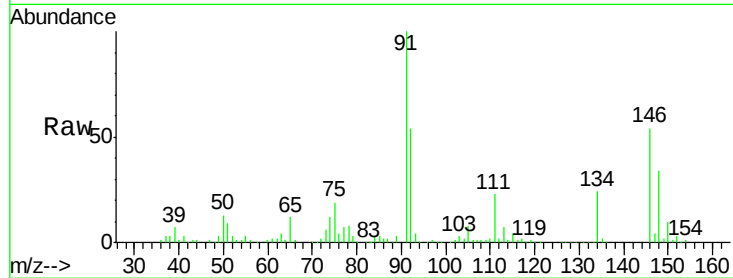
#85
 1,2-Dichlorobenzene
 Concen: 1.837 ug/l
 RT: 12.23 min Scan# 3386
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.4	21.9	65.8
148	63.1	31.8	95.4

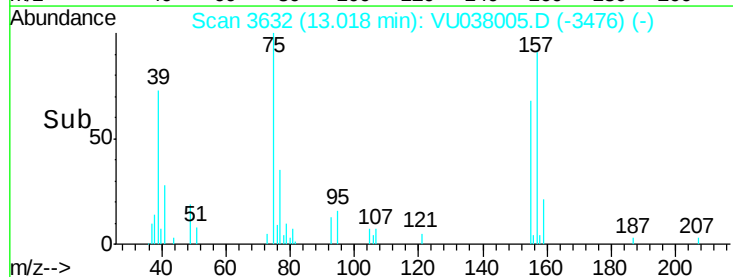
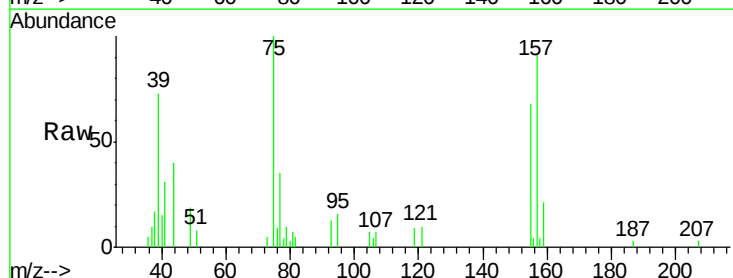
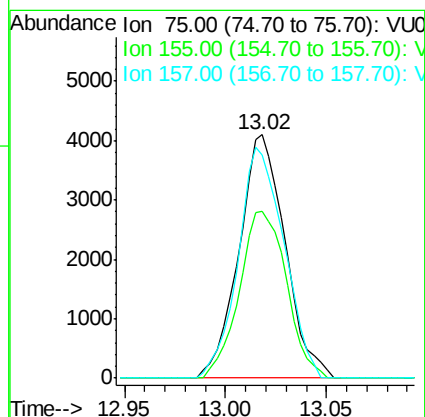
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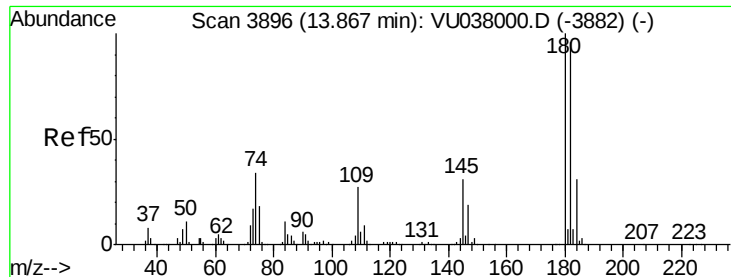
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#86
 1,2-Dibromo-3-Chloropropane
 Concen: 1.751 ug/l
 RT: 13.02 min Scan# 3632
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	69.9	60.9	91.3
157	94.3	78.1	117.1





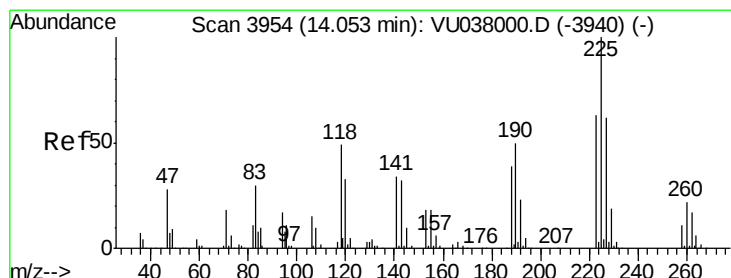
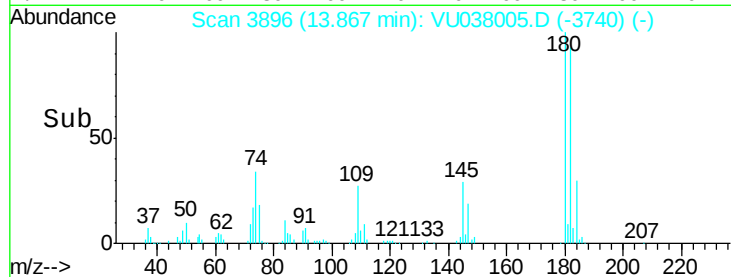
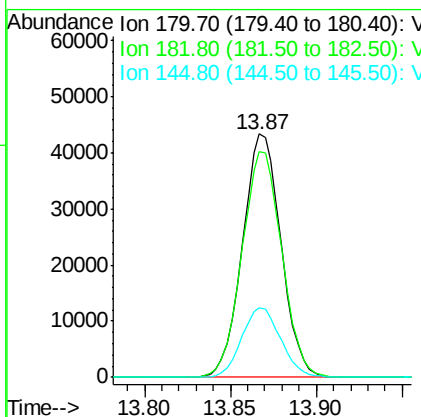
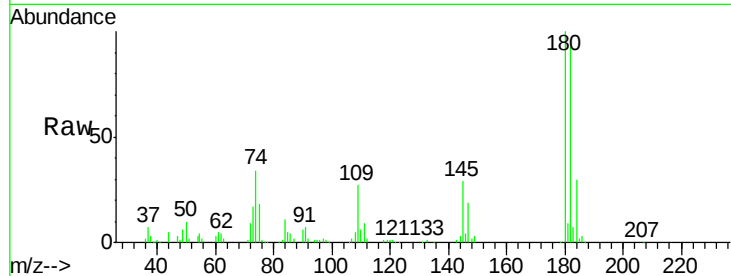
#87
 1,2,4-Trichlorobenzene
 Concen: 1.744 ug/l
 RT: 13.87 min Scan# 3896
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0504WBS01

Tot Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.9	115.3
145	29.0	24.7	37.1

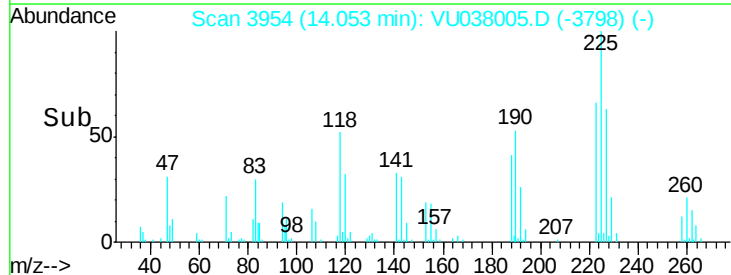
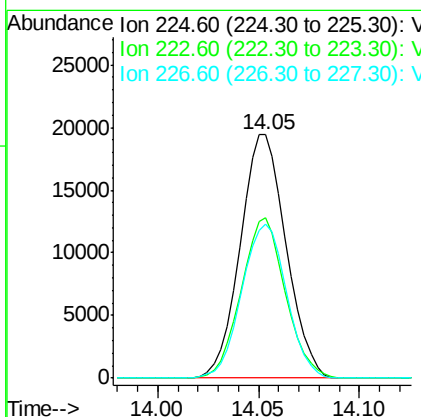
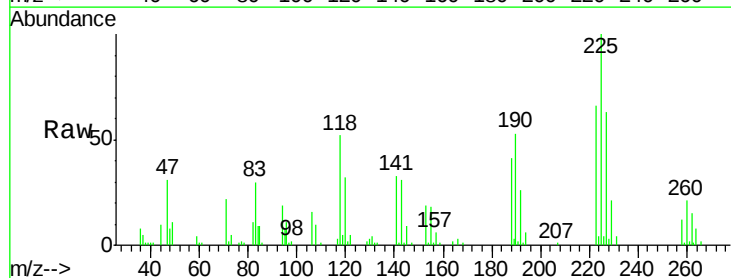
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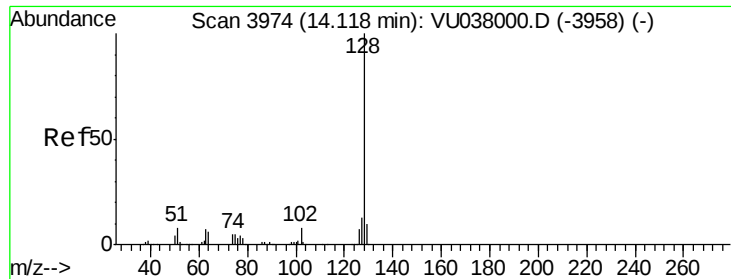
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#88
 Hexachlorobutadiene
 Concen: 1.789 ug/l
 RT: 14.05 min Scan# 3954
 Delta R.T. 0.00 min
 Lab File: VU038005.D
 Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.7	51.3	76.9
227	62.0	49.2	73.8





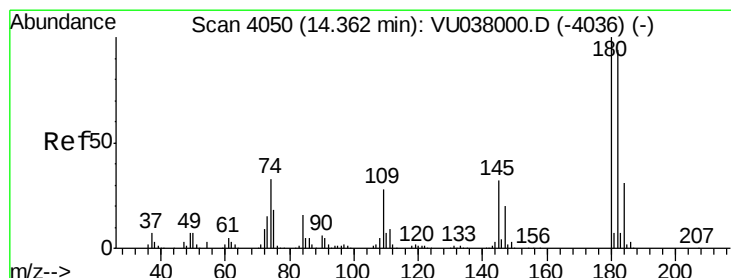
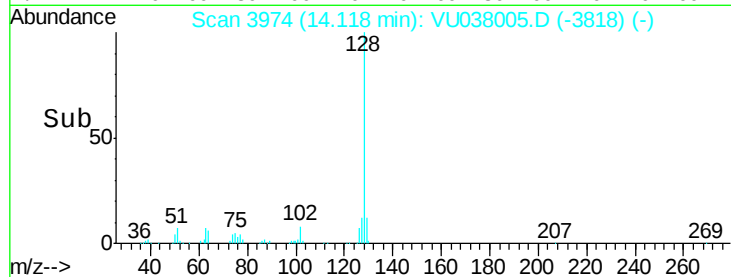
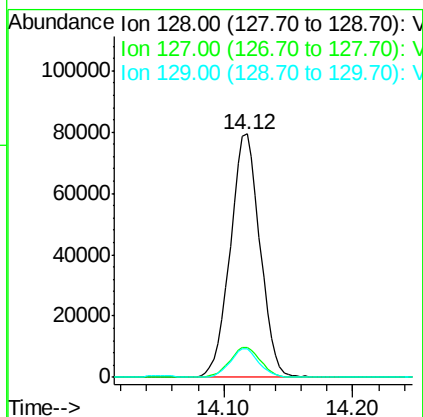
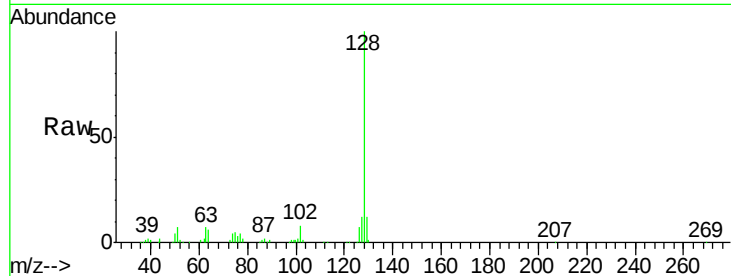
#89
Naphthalene
Concen: 1.711 ug/l
RT: 14.12 min Scan# 3974
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Instrument :
MSVOA_U
ClientSampleId :
VU0504WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.4	15.6
129	11.4	8.6	12.8

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#90
1,2,3-Trichlorobenzene
Concen: 1.780 ug/l
RT: 14.36 min Scan# 4050
Delta R.T. 0.00 min
Lab File: VU038005.D
Acq: 04 May 2020 17:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.3	75.9	113.9
145	32.5	26.0	39.0

